SIXTY-SEVENTH

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

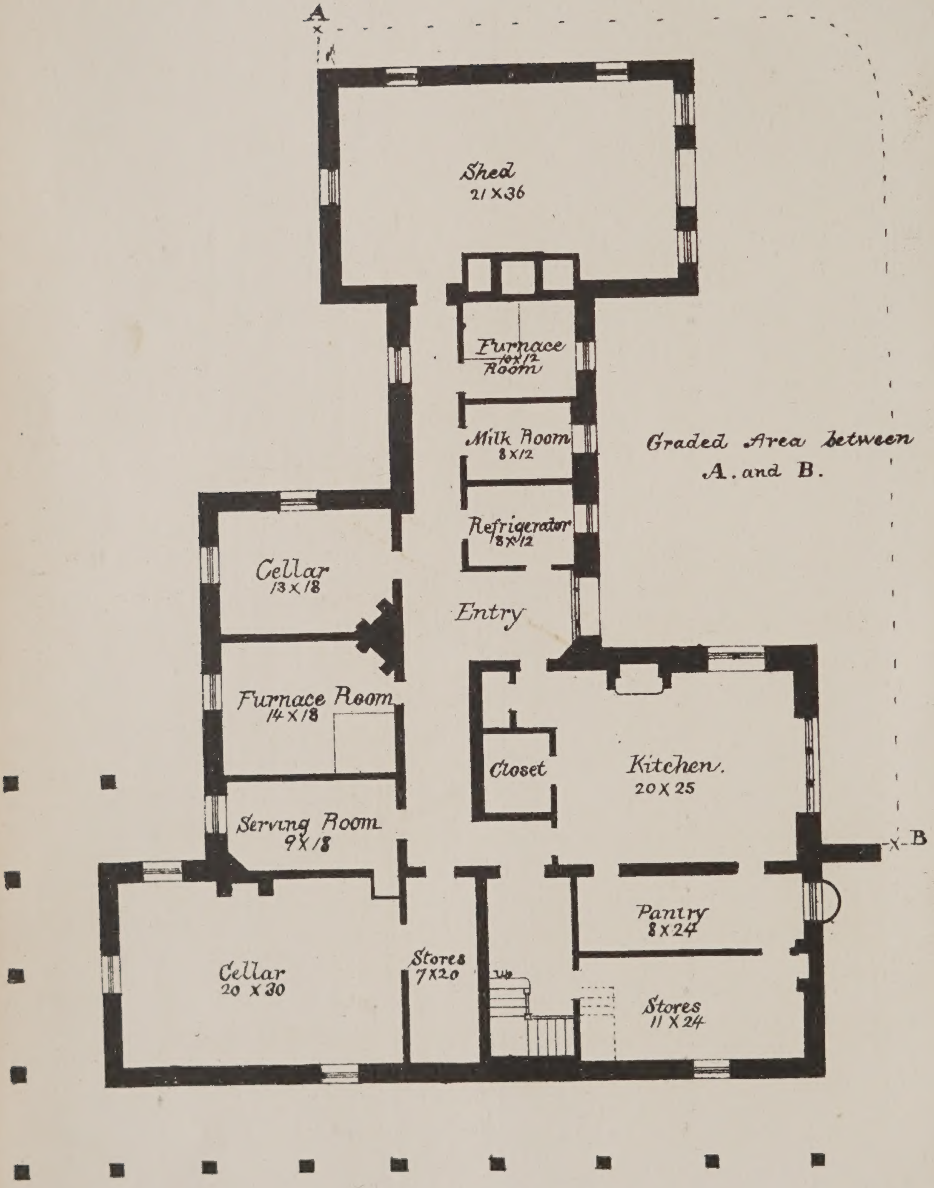
1880.

Printed at the expense of the Bowditch History Fund.

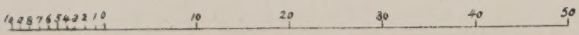
BOSTON:
1881.
JAMES F. COTTER & CO., PRINTERS,
14 STATE STREET.

MASS. GEN. HOSPITAL,

CONVALESCENT COTTAGE, BELMONT.


A
Shed
21 X 36
Furnace
10 X 12
Room
Milk Room
8 X 12
Refrigerator
8 X 12
Graded Area between
A. and B.
Cellar
13 X 18
Entry
Furnace Room
14 X 18
Closet
Kitchen.
20 X 25
Serving Room
9 X 18
B
Pantry
8 X 24
Cellar
20 X 30
Stores
7 X 20
Up
Stores
11 X 24

BASEMENT FLOOR.


10 9 8 7 6 5 4 3 2 1 0
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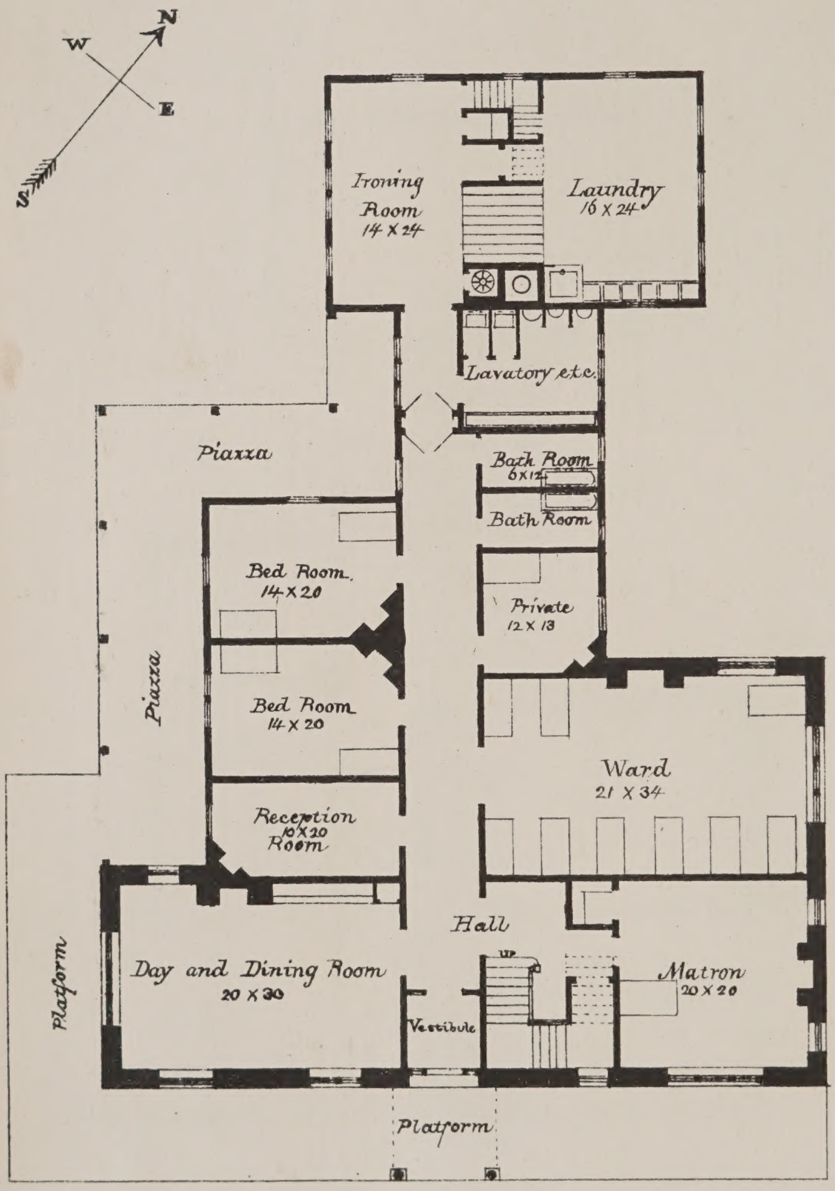
40
50

MASS. GEN. HOSPITAL;

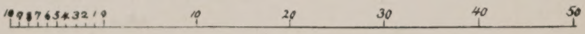
CONVALESCENT COTTAGE, BELMONT.


N
W
E
S
Ironing Room 14 X 24
Laundry 16 X 24
Lavatory etc.
Piazza
Bath Room 6X12
Bath Room
Bed Room 14 X 20
Private 12 X 13
Piazza
Bed Room 14 X 20
Ward 21 X 34
Reception 10X20 Room
Hall
UP
Platform
Day and Dining Room 20 X 30
Vestibule
Matron 20 X 20
Platform

FIRST FLOOR.

For Men, 14 Beds.

ARL FEHMER, ARCHITECT.


10 9 8 7 6 5 4 3 2 1 0
10
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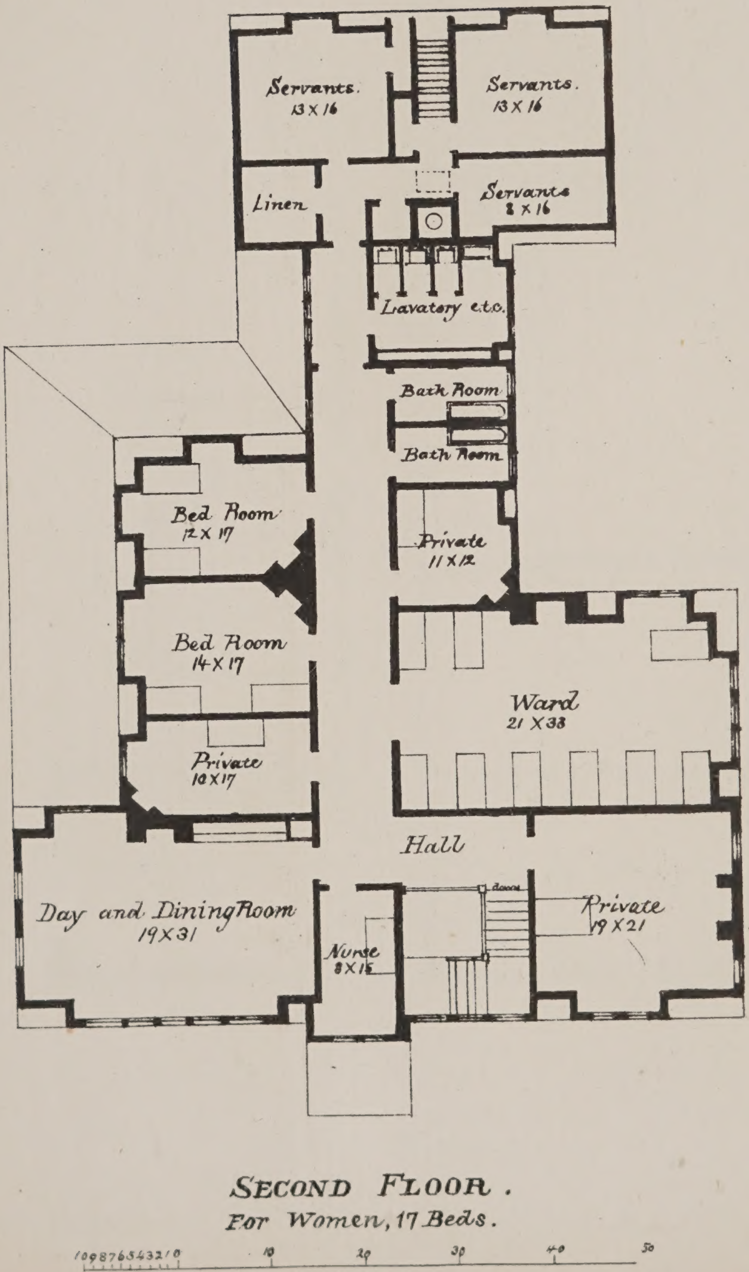
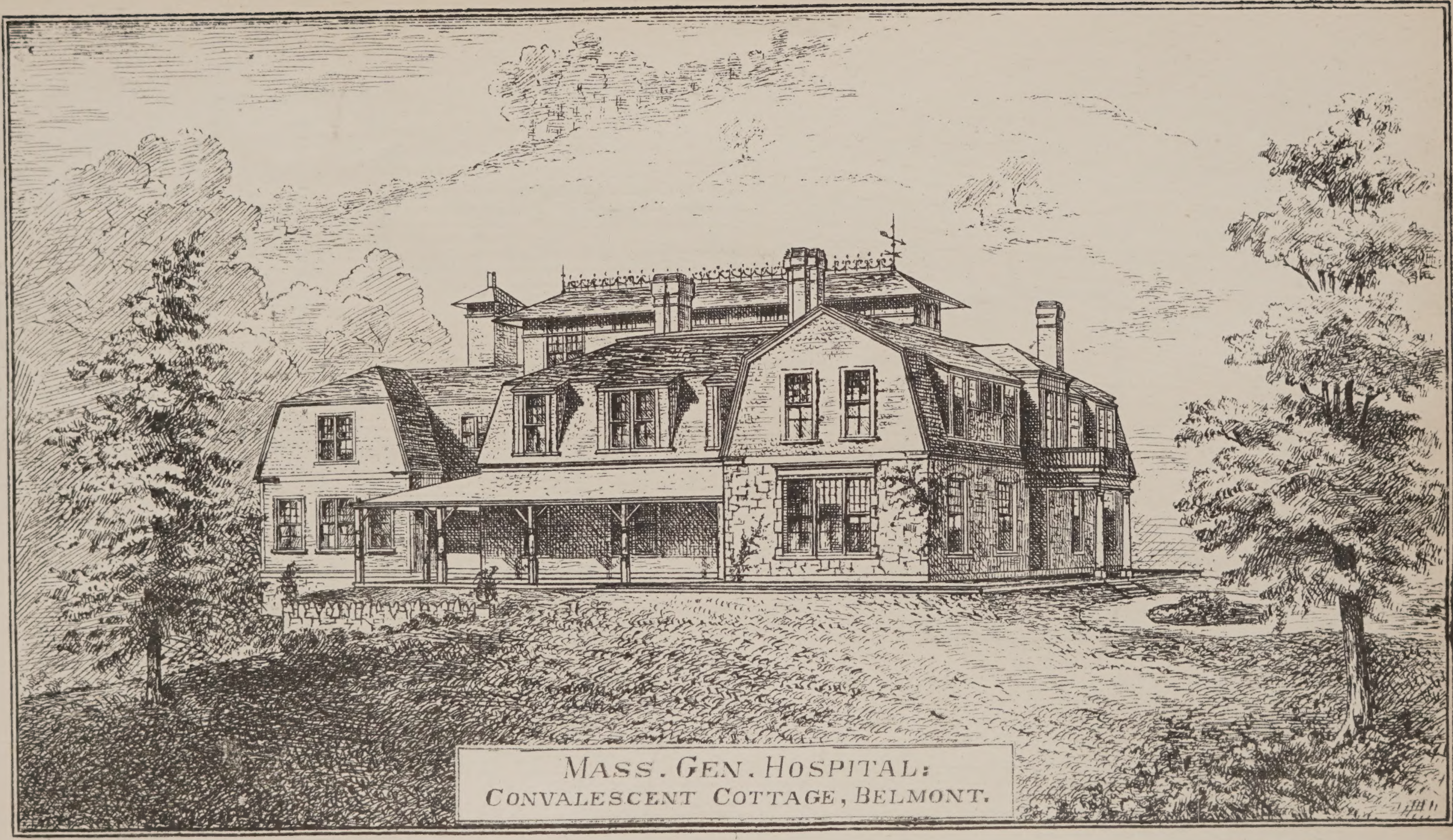
1880

MASS. GEN. HOSPITAL;
CONVALESCENT COTTAGE, BELMONT.


Servants. 13 X 16
Servants. 13 X 16
Linen
Servants 8 X 16
Lavatory etc.
Bath Room
Bath Room
Bed Room 12 X 17
Private 11 X 12
Bed Room 14 X 17
Ward 21 X 33
Private 10 X 17
Hall
Day and Dining Room 19 X 31
down
Private 19 X 21
Nurse 8 X 15
10 9 8 7 6 5 4 3 2 1 0
10
20
30
40
50

SECOND FLOOR.

For Women, 17 Beds.



MASS. GEN. HOSPITAL:
CONVALESCENT COTTAGE, BELMONT.

The Heliotype Printing Co.

CARL FEHMER, ARCHITECT.

SIXTY-SEVENTH

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14 STATE STREET.

REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

For the Year 1880.

The Committee of the Trustees appointed to prepare the Annual Report of the Board to the Corporation, to whom the Accounts of the Treasurer and the Reports of the other officials have been referred, respectfully submit the

Sixty-Seventh Annual Report.

The average number of patients in the Hospital during the past year was one hundred and seventy, against one hundred and sixty-three the year before. In the Asylum one hundred and fifty-two, against one hundred and fifty-seven in 1879.

The Treasurer's account shows an excess of expenses over income of $9,348.12, charged to the General Fund. In 1879 there was an excess of income of $12,382.17.

In the latter part of the year Dr. W. B. Bancroft, Second Assistant Physician at the Asylum resigned, and Dr. F. M. Turnbull was appointed in his place.

In November last Mr. Robert H. Stevenson resigned, after seven years of valuable service on the Board of Trustees. Mr. Roger Wolcott was chosen in his place.

The Trustees gratefully acknowledge the following

DONATIONS AND LEGACIES:

From Mrs. F. W. Lincoln, part of bequest of $200,000, ...	$10,000.00
From subscribers to Convalescent Home Fund, ...	2,513.00
From subscribers to Convalescent Building Fund, ...	17,938.83
From ninety-six subscribers to Free Beds,	11,300.00
	41.751.83

In January 1880 the Trustees sold to the Fitchburg Railroad two tracts of land on the outskirts of the Asylum estate at Somerville containing about twenty-three acres for about $70,000.

This, added to the damages received from the Lowell Railroad for running their track through the Asylum Grounds to their wharf on Mystic River, has been placed in a fund for future use to pay for new

Asylum buildings. The fund with its income added now amounts to $122,976.30.

Early in the year the Trustees decided to begin the building of a convalescent cottage on their estate in Belmont. A site was selected on the western part, one hundred and thirty-six feet above mean high tide, and plans were prepared by Mr. Carl Fehmer, Architect, a copy of which accompanies this Report. The situation has a fine southern aspect, sheltered on the north by rising ground, with an extensive and cheerful landscape to the south and west.

The grounds are sufficiently wooded by a varied natural growth, and there is an ample supply of pure spring water on the premises.

The site is distant but a few minutes walk from the Waverly station of the Fitchburg Railroad. The foundations and walls of the basement have been built, and it is the expectation of the Trustees that the cottage will be ready for occupancy during the current year. The resources of the Hospital were not sufficient for the building and maintenance of the cottage, and the public were therefore invited to contribute the sum of $100,000 for these purposes, one-third for the cottage, and two-thirds for a fund, the income only to be used for current expenses. With their customary generosity, the friends of the Hospital have already subscribed $87,947.85, and it is believed that the remainder will soon be supplied.

The Trustees desire to express their acknowledgments for the liberal manner in which the men and women of Boston have shown their sympathy with, and approval of, this proposed enlargement of the work of the Hospital. It not unfrequently occurs that patients who no longer require hospital treatment, and should no longer remain within the wards, either for their own advantage or that of the institution, are still unfit to return to their homes and renew at once their cares and work. Such cases are especially frequent in the female wards. It is the intention of the Trustees to transfer such patients, under the advice of the professional staff, to this cottage in the country, where their convalescence may be hastened and confirmed.

The Trustees are of the opinion that it will prove to be no unimportant department of the Hospital, and that its results will justify the humane generosity of those who have built and endowed it.

The attention of the Trustees has for some years past been attracted to the rapid increase in the number of out patients, which last year was twenty thousand five hundred and sixty-six. The whole subject has been so well treated by the Resident Physician, Dr. Whittemore, that we append to this Report a paper read by him before the Boston Society for Medical Improvement.

Briefly it appears, that while the population of Boston, including annexed territory, has doubled in twenty years from 1860 to 1880, the out patients treated at the Massachusetts General Hospital have doubled every ten years. Latterly the increase is more rapid. If the same ratio of increase, which occurred in 1880 over 1879 should continue, we should have about forty thousand patients in 1888.

There is no reason to believe that the class of needy poor, for whom this charity is intended, was neglected in 1860, or that it has increased during the last twenty years faster than the population. If this is true, we last year treated ten thousand patients who were not needy.

They come to us from motives of economy, convenience and safety, and of such patients the supply may be considered as practically unlimited. The evils of such a policy to the patients and the medical profession are clearly stated by Dr. Whittemore. The Trustees believe that the funds in their charge should be used for the poor, and not for the frugal, and that some measures should be taken to confine the treatment of out patients to those who cannot afford to pay physician's fees. The practice of taking a small fee from those who can afford it has been found to work badly, and has been stopped.

To many of the medical and surgical staff it appears that there can hardly be too large a number of patients for the exercise of their skill and the enlargement of their experience. The Trustees can never undervalue the zeal and devotion of gentlemen whose qualities they have the opportunity of admiring in the daily service of the Hospital. They will carefully guard the rights, and observe the wishes, of the medical and surgical staff who give their time and skill to the Hospital, and are its greatest and most constant benefactors. But they believe that a way may be found by which the evils of the present state of things may be diminished, while at the same time the proper objects of the profession are secured.

EDMUND DWIGHT, } *Committee.*
S. D. WARREN, }

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

For the Year 1880.

To the Board of Trustees :

GENTLEMEN :—

I have the honor of submitting the following report of the finances for the year 1880.

The Income from Investments has been :—

From Annuities Receivable		$11,263.17
" City of Boston Bonds		1,750.00
" Mass. Hospital Life Ins. Co. Stock		5,000.00
" Railroad Bonds		11,722.06
" Railroad Stocks		1,170.00
" United States 4 per cent. Bonds		10.00
" Manufacturing Stocks		4,644.00
" Bank Stocks		1,641.82
" Real Estate, Productive		18,090.55
" Notes Receivable		23,214.38
" Interest on Del. Mutual Ins. Co. Scrip		21.90
		$78,527.88
Less Interest paid	$1,840.27	
Expended on Land at Belmont	352.75	
Expended on Land at Waltham	91.20	2,284.22
		$76,243.66

Which has been distributed as follows :—

(See Inc. & Exp. acc't.)	To Redman Fund	$24,887.00
	" Warren Prize Fund	125.75
(See Table 8.)	" Bowditch History Fund	109.37
(See Table 5.)	" Wooden Leg Fund	273.42
	" Redman Annuities	936.00
	Amount carried forward	$26,331.54

	Amount brought forward		$26,331.54
	To Clara Barton Annuity		194.46
	" Surgical Instrument Fund		68.35
(See Table 7.)	" Amusement Fund		546.83
(See Table 2.)	" Free Bed Funds, for use	$24,612.40	
	for Joy Annuities	700.00	25,312.40
(See Table 7.)	" Beneficiaries at Asylum Funds		4,086.61
	" Warren Library Fund		54.68
(See Table 4.)	" Treadwell Library Fund		273.42
(See Table 7.)	" ½ Lincoln Fund		4,374.65
(See Inc. & Exp. acc't.)	" Funds with Income Unrestricted		2,187.33
(See Inc. & Exp. acc't.)	" General Fund		8,733.48
	" Convalescent Fund, Building		353.12
	" Convalescent Home Fund		297.80
	" Asylum Building Fund		3,428.99
			$76,243.66

The Income for 1879, was	$66,590.94
The Income for 1880, was	76,243.66

The Income and Expense Account is as follows:

(See Table 1.)	Expenses Hospital Department	$92,077.90
(See Table 6.)	Expenses Asylum Department	131,172.69
	Publishing the Trustees' Report for 1879 at the expense of the Bowditch History Fund	260.96
	Insurance	217.20
		$223,728.75

Income.—For Hospital Department.

(See Table 2.)	Income of Free Bed Funds	$24,612.40		
(See Table 4.)	Income of Treadwell Library Fund	298.86		
(See Table 3.)	Donations from 96 Free Bed Subscribers	11,300.00		
(See Table 5.)	Income of Wooden Leg Fund.	100.00		
	Net amount charged to patients.	12,797.29		
			49,108.55	
	Amounts carried forward		$49,108.55	$223,728.75

Amounts brought forward		$49,108.55	$223,728.75

For Asylum Department.

(See Table 7.)	Income of Funds for Beneficiaries	$4,086.61		
(See Table 7.)	Income of Funds for Female Beneficiaries	4,374.65		
(See Table 7.)	Income of Amusement Fund	546.83		
	Net amount charged patients	120,195.22		
			129,203.31	

For Sundry Purposes.

Income of Bowditch History Fund	$ 260.96		
Income of Redman Fund	24,887.00		
Income of Funds applicable without restrictions	2,187.33		
Income of General Fund	8,733.48		
		36,068.77	
			214,380.63
Deficit charged to General Fund			$ 9,348.12

TABLE 1.

Expenses of the Hospital Department.

For Stores	$33,694.70
Gas and Oil	1,938.45
Water	1,524.64
Wages	21,421.53
Medicine	2,922 29
Furniture	7,172.41
Surgical Instruments	1,312.15
Stationery	522.26
Wines and Liquors	1,325.85
Repairs	8,105.25
Library	362.82
Salaries	4,720.00
½ General Expenses	1,155.84
Fuel	5,220.89
Wooden Legs	100.00
Contingencies	578.82
	$92,077.90

These expenditures have been for account of: —

Library	$ 362.82
Wooden Legs	100.00
1,730 Free Patients, for 7,852 weeks	81,085.73
393 Paying Patients, for 1,014 weeks	10,529.35
	$92,077.90

The average number of patients has been in 1879, 163
" " " " " 1880, 170½

The average cost per week has been, in 1879,
8,476 weeks $10.54

The average cost per week has been, in 1880,
8,866 weeks 10.39

The total expenses have been, in 1879 . . $89,295.57
" " " " 1880 . . 92,077.90

TABLE 2

SUMMARY OF HOSPITAL DEPARTMENT.

The amount paid for account of free patients has been $81,085.73

The amount received for them has been:

From Income Free Bed Funds,	$24,612.40	
(See Table 3.) From 96 Subscribers for this object . .	11,300.00	
		35,912.40
		$45,173.33

The deficiency has been drawn from the General Fund.

TABLE 3.

SUBSCRIBERS FOR FREE BEDS.

Theodore Lyman	$100
Wm. Amory	100
Fitchburg Railroad Co	100
J. C. Gray	100
Miss Mary Wigglesworth	200
Miss Anne Wigglesworth	200
Union Railway Co	100
Boston and Providence Railroad Co	100
Miss Mary Pratt	100
Geo. Higginson	100
T. Jefferson Coolidge	100
Miss Jane Wells	200
H. P. Kidder	200
F. H. Peabody	100
Boston and Maine Railroad Co	100
S. D. Warren	100
Mrs. Gorham Brooks	100
James L. Little	100
Shepherd Brooks	100
Miss C. A. Brewer	100
W. W. Tucker	100
J. G. Cushing	100
Mrs. Anna C. Lodge	100
Moses Williams	100
J. B. Glover	100
P. C. Brooks, Jr	100
J. L. Gardner, Jr	100
Peter C. Brooks	100
Miss Eunice Hooper	100
Massachusetts Humane Society	200
Mrs. N. I. Bowditch	200
Samuel Johnson	100
Wm. Endicott, Jr	100
Mrs. Charlotte A. Johnson	100
George A. Gardner	100
Miss A. W. Davis	100
Geo. W. Wales	100
J. L. Bremer	100
Mrs. G. H. Shaw	100
Dr. C. E. Ware	100
Geo. Dexter	200
F. R. Sears	100
Mrs. Samuel Cabot	100
S. R. Payson	100
Henry B. Rogers	100
Mrs. Edward Wigglesworth	100
Samuel Eliot	100
C. J. Morrill	100
Geo. D. Howe	100
J. Huntington Wolcott	100
Amount carried up	$5,700
Amount brought up	$5,700
Henry S. Shaw	100
Amory A. Lawrence	100
J. Amory Lowell	100
W. O. Grover	100
Eastern Railroad Co	100
R. C. Winthrop	100
Mrs. Gardner Brewer	100
Chas. Merriam	100
Martin Brimmer	100
W. D. Pickman	100
John R. Hall	100
C. H. Dalton	100
Mrs. L. G. Wadsworth	100
Nathaniel Thayer	500
Henry Saltonstall	100
H. H. Fay	100
Otis E. Weld	100
F. Gordon Dexter	100
W. Powell Mason	100
Thomas D. Quincy	100
Greely S. Curtis	100
Chas. A. Welch	100
R. C. Greenleaf	100
Henry Woods	100
J. F. Anderson	100
Sarah S. Fay	200
J. R. Coolidge	100
R. W. Hooper	100
Miss Josephine May	100
J. G. Kidder	100
Jos. Sawyer	100
H. L. Higginson	100
Ozias Goodwin	200
Miss Eliza Goodwin	200
Mrs. Chas. Merriam	100
Mrs. Mary P. Cary	100
Miss Madeleine C. Mixter Miss Helen K. Mixter	100
J. M. Sears	100
J. T. Coolidge Jr	100
J. Putnam Bradlee	100
F. L. Higginson	100
Pacific Mills Board of Relief	100
Webster & Co	100
C. P. Curtis	100
J. P. Squire & Co	100
Jas. Davis	400
	$11,300

Total Free Bed Subscriptions	(87) in 1879,	$10,350.00
" " "	(96) " 1880,	11,300.00

TABLE 4.

LIBRARY ACCOUNT.

Paid for Books,		$362.82
Income Treadwell Library Fund,	$273.42	
Balance Income Treadwell Library Fund for 1879,	25.44	
		298.86
Deficiency from General Fund,		$63.96

TABLE 5.

WOODEN LEG ACCOUNT.

The amount received for this purpose has been :

Income of the Wooden Leg Fund,	$273.42
The amount expended for Artificial Limbs has been,	100.00
The surplus is credited the fund,	$173.42

TABLE 6.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores	$38,693.26
Laundry	6,782.16
Fuel	6,485.23
Stationery	322.08
Medicines and Liquors	2,702.08
Contingencies	855.76
Furniture	8,435.54
Repairs	14,644.07
Diversions	1,292.04
Water and Ice	2,949.31
Lights	2,515.78
Amount carried forward	$ 85,677.31

Amount brought forward	$85,677.31	
Wages	27,088.95	
Salaries	6,165.32	
½ General Expenses	1,155.85	
Library	300.00	
Stables	7,256.72	
Garden	3,528.54	
		$131,172.69

These expenditures have been for account of :

Patients paying cost and more	$36,072.97	
" " less than cost	95,099.72	
		$131,172.69

The average No. of patients has been in 1879, $157\frac{102}{365}$
" " " " " " 1880, $152\frac{97}{366}$
The average cost per week has been in 1879, $14.30
" " " " " " 1880, 16.48
The total expenses have been in 1879, $117,250.02
" " " " " 1880, 131,172.69

The increase was in the items of Repairs and Furniture.

TABLE 7.

BENEFICIARIES AT THE ASYLUM.

The amount expended at the Asylum for patients who have paid less than cost has been :

$95,099.72

The amount received has been :

From patients 5,732 1-7 weeks' board	$46,095.13	
" Income of Funds for Beneficiaries	4,086.61	
" " " " " Female Beneficiaries	4,374.65	
" " " Amusement Fund	546.83	
		55,103.22
The deficiency has been drawn from the General Fund		$39,996.50

PROPERTY ON HAND BELONGING TO THE CORPORATION.

Balance on hand December 31st, 1879.

Belonging to the General Fund	$1,101,071.88	
" " " Restricted Funds	1,159,725.11	
To pay Floating Debt	39,210.64	
Sundries in suspense	8.00	
		$2,300,015.63

Deduct from this amount :

(See Table 9.) Balance of entries to General Fund		134,497.11
		$2,165,518.52

Add :

(See Table 10.) Balance of entries to Restricted Funds,	$26,074.04	
Increase of Debt	27,950.63	
(See Table 11.) Asylum Building Fund	122,976.30	
		177,000.97

Balance December 31st, 1880, being the exact footing of the trial balance sheet	$2,342,519.49

Invested as follows :—

INVESTMENTS PRODUCING NO INCOME.

Asylum.—Land and Buildings occupied for Asylum		$320,446.67	
Land in Belmont		45,000.00	
Steward's balance, consisting of uncollected board bills	$30,710.68		
Cash	2,279.72		
		32,990.40	
			$398,437.07
Hospital.—Land and Buildings occupied for Hospital.		$485,472.73	
Steward's balance		877.20	
			486,349.93
Sundries.—Land in Waltham		$11,200.00	
Memorandum of expectancies		8.00	
Cash		1,377.03	
Land in Chicago		1,007.18	
			13,592.21
Amount carried forward			$898,379.21

Amount brought forward: $898,379.21

INVESTMENTS PRODUCING INCOME.

Policies Mass. Hospital Life Insurance Co.	$243,000.00	
500 Shares Mass. Hospital Life Insurance Co.	50,000.00	
$35,000 City of Boston Bonds	35,000.00	
$21,000 Eastern Railroad Bonds @ 70	14,700.00	
$1,000 Kansas City and Cameron Railroad Bonds	1,000.00	
$5,000 Boston and Lowell Railroad 7 ℘ cent. Bonds.	5,000.00	
$5,000 Boston and Albany Railroad 7 ℘ cent. Bonds.	5,000.00	
$100,000 Chicago, Bur. & Quincy R.R. 7 ℘ c. Bonds.	100,000.00	
$11,000 “ “ “ “ 5 “ “ @ 90,	9,900.00	
$100,000 Atch., Top. & St. Fe R.R. 1st Mort. 7s	100,000.00	
$25,000 Bur. & Mo. River R.R. in Neb. Non-Ex. 6s.	25,000.00	
$10,000 Atchison Land Land Grant 7s	10,000.00	
$10,000 Kan. City, Top. and Western R.R. 1st M. 7s,	10,000.00	
$3,000 Old Colony Railroad 6s	3,000,00	
14 Shares Merrimack Manufacturing Co.	14,000.00	
1 “ Appleton “ “	1,000.00	
9 “ Amoskeag “ “	9,000.00	
9 “ Amory “ “	900.00	
9 “ Stark Mills	9,000.00	
25 “ Great Falls Manufacturing Co.	2,500.00	
5 “ Boston “ “	5,000.00	
100 “ National Union Bank	10,000.00	
66 “ Tremont National Bank	6,600.00	
50 “ Old Boston “ “	2,500.00	
25 “ Suffolk “ “	2,500.00	
Land and Store 17 Blackstone Street	19,600.00	
“ “ “ 168 Washington Street	45,000.00	
“ “ House 61 Dartmouth Street	10,000.00	
Hospital Wharf	62,000.00	
Redman Mansion Estate, Washington Street	106,000.00	
Land and Houses on Warrenton Street	17,700.00	
“ “ Store 496 Washington Street	55,500.00	
“ “ Houses, Chambers Street	23,900.00	
“ “ “ 42–50 Cross Street	10,872.50	
Notes secured by Mortgage	390,600.00	
$20,000 Note of Phila. Wilmington and Balt. R.R.	20,000.00	
$365 Scrip Delaware Mutual Insurance Co.	365.00	
$8,000 Union League Club Bonds	8,002.78	
		$1,444,140.28

Total of Investments................................ $2,342,519.49

TABLE 8.

THE BOWDITCH HISTORY FUND.

Balance, December 31st, 1879	Principal,	$2,000.00	
	Income..	2,046.01	
			$4,046.01
Amount of Income expended		$260.96	
Amount of Income received		109.37	
			151.59
Balance, December 31st, 1880	Principal,	$2,000.00	
	Income..	1,894.42	
			$3,894.42

TABLE 9.

THE GENERAL FUND.

Balance, December 31st, 1879			$1,101,071.88
Add ⅓ profits Mass. Hospital Life Insurance Co.		$10,000.00	
Amount received of Francis James		846.07	
			10,846.07
			$1,111,917.95
Less amounts premiums paid on Raiload Bonds		$19,723.75	
" " " " Manufacturing Stocks,		144.00	
		$19,867.75	
" " rec'd from U.S. Bonds,	$ 42.50		
" " " R.R. Stocks,	3,377.50		
		3,420.00	
		$16,447.75	
(See Table 11.) Amount credited to Asylum Building Fund		119,547.31	
Balance of Expenses over Income		9,348.12	
			145,343.18
Balance, December 31st, 1880			$966,574.77

TABLE 10.

THE RESTRICTED FUNDS.

Balance, December 31st, 1879	Principal,	$1,155,943.75	
	Income..	3,781.36	
			$1,159,725.11
Amount carried forward			$1,159,725.11

Amount brought forward		$1,159,725.11
Add amounts received:		
For the Convalescent Home Fund	$2,513.00	
" " " Building	17,938.85	
From Mrs. F. W. Lincoln (in part)	10,000.00	
" Edward Woodman—Permanent Free Bed	1,000.00	
	$31,451.85	
Less amount expended on Buildings at Belmont for Convalescent Home	6,273.90	
	$25,177.95	
Increase of unexpended Income, 1880, over 1879	896.09	
		26,074.04
Balance, December 31st, 1880		$1,185,799.15
of which is Principal	$1,181,121.70	
Income	4,677.45	

The Restricted Funds now consist of:

INCOME DEVOTED TO FREE BEDS.

The Joy Fund, being a bequest from Miss Nabby Joy	$20,000.00
Belknap Fund, being a bequest from Jeremiah Belknap	10,000.00
Wm. Phillips Fund, being a bequest from Wm. Phillips	5,000.00
Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street	19,600.00
Bromfield Fund, being half of a bequest from John Bromfield,	20,000.00
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend	11,486.50
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer,	5,000.00
Wilder Fund, being a bequest from Chas. W. Wilder	12,000.00
Sever Fund, being a bequest from Miss Martha Sever	500.00
Thompson Fund, being a bequest from S. B. Thompson	500.00
Tucker Fund, being a bequest from Miss Margaret Tucker	3,312.37
Davis Fund, being a bequest from Mrs. Eleanor Davis	900.00
Loring Fund, being a bequest from Abigail Loring	5,000.00
Nichols Fund, being a bequest from B. R. Nichols	6,000.00
Amount carried forward	$119,298.87

Amount brought forward	$119,298.87
The Gray Fund, being a donation from John C. Gray	1,000.00
Dowse Fund, being a bequest from Thomas Dowse	5,000.00
Todd Fund, being a bequest from Henry Todd	5,000.00
J. Phillips Fund, being a bequest from Jonathan Phillips	10,000.00
Greene Fund, being a bequest from Benj. D. Greene	5,000.00
Percival Fund, being a bequest from John Percival	950.00
Pickens Fund, being a bequest from John Pickens	1,676.75
Treadwell Fund, being part of a bequest from J. G. Treadwell,	38,703.91
Raymond Fund, being a bequest from E. A. Raymond	2,820.00
Harris Fund, being part of a bequest from Chas. Harris	1,000.00
Mason Fund, being a bequest from Wm. P. Mason	9,400.00
Sawyer Fund, being part of a bequest from M. P. Sawyer	7,000.00
J. L. Gardner Fund, being a donation from J. L. Gardner	20,000.00
B. T. Reed Fund, being a donation from Benj. T. Reed	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice	5,000.00
Templeton Fund, being half of a bequest from John Templeton,	5,000.00
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers,	1,177.50
Beebe Fund, being a bequest from J. M. Beebe	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard,	4,000.00
Geo. Gardner Fund, being a donation from Geo. Gardner	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup,	1,000.00
Tufts Fund, being a bequest from Quincy Tufts	10,000.00
Read Fund, being half of a bequest from Jas. Read	1,000.00
Parker Fund, being a bequest from John Parker, Jr	10,000.00
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw	5,500.00
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers,	1,000.00
Dwight Fund, being a donation from Mrs. T. Bradford Dwight,	1,000.00
Hunnewell Fund, being a donation from H. H. Hunnewell	10,000.00
R. M. Mason Fund, being a bequest from R. M. Mason	5,000.00
Anna Lowell Cabot Fund, being a donation from Dr. Samuel Cabot	1,000.00
Amount carried forward	$457,260.95

Amount brought forward		$457,260.95

Income devoted to Beneficiaries at Asylum:

The Bromfield Fund, being half of a bequest from John Bromfield	$20,000.00	
Read Fund, being half of a bequest from Jas. Read,	1,000.00	
Appleton Fund, $10,010 being a bequest from Sam'l Appleton, 20,000 being a donation from Wm. Appleton,	30,010.00	
McGregor Fund, being half of a donation and bequest from Jas. McGregor	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge	5,500.00	
Templeton Fund, being half of a bequest from John Templeton	5,000 00	
Cabot Fund, being a donation from Dr. Samuel Cabot	722.85	
		$74,732.85

Income devoted to Female Beneficiaries at Asylum:

The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00

Income unrestricted:

The Waldo Fund, being a bequest from Daniel Waldo	40,000.00

Income devoted to any purpose except buildings:

The Redman Fund, being a bequest from John Redman	455,113.34

Income devoted to a Triennial Prize:

The Warren Prize Fund, being a bequest from Dr. J. M. Warren,	2,299.61

Income devoted to the Library:

The Treadwell Library Fund, being part of a bequest from J. G. Treadwell	5,000.00

Income devoted to Books for Patients:

The Warren Library Fund, being a donation from Dr. J. C. Warren,	1,000.00
Amount carried forward	$1,120,406.75

Amount brought forward		$1,120,406.75

Income and Principal devoted to the publication of a History of the Hospital:

The Bowditch History Fund, being a bequest from N. I. Bowditch,		2,000.00

Income devoted to Amusements at the Asylum:

The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, 5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies		10,000,00

Income devoted to Special Surgical Instruments:

The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow		1,250.00

The Wooden Leg Fund:

Being a bequest from N. I. Bowditch		5,000.00

The Convalescent Home Fund		7,959.00
" " " **Building**		11,664.95

Permanent Free Beds:

Miss Marian Hovey	$1,000 00	
Mrs. Fanny H. Morse	1,000.00	
Henry S. Hovey	1,000.00	
Edward Woodman	1,000.00	
		4,000.00
Redman Annuities		15,600.00
Clara Barton Annuity		3,241.00

Add unused Income at credit of:

The Warren Prize Fund	$511.81	
Warren Library Fund	216.53	
Bowditch History Fund	1,894.42	
Surgical Instrument Fund	865.96	
Wooden Leg Fund	537.81	
Convalescent Home Fund	297.80	
" " " Building	353.12	
		4,677.45
Total of Restricted Funds		$1,185,799.15

TABLE 11.

ASYLUM BUILDING FUND.

It has been decided by the Trustees to hold the proceeds of sales of the Somerville Estate, with a view of using the money for the future construction of Asylum buildings on the Belmont Estate.

This fund now amounts to:

Principal	$119,547.31
Income	3,428.99
	$122,976.30

CONVALESCENT HOME.

This enterprise has met with generous support,

subscriptions now amounting to	$83,797.85,
of which has been paid in	25,897.85
leaving	$57,900.00

yet to be paid.

It is very desirable to complete the one hundred thousand dollars needed for this purpose.

Respectfully Submitted,

F. H. PEABODY,
Treasurer.

BOSTON, December 31st, 1880.

Table of the Expenses of the Hospital and Asylum for Nineteen years—1862 *to* 1880.

ORDINARY EXPENSES.

Year.	Cost of Paying Patients.	Cost of Free Patients.	Other Charities.	Total Expenses of	
	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.
1862	$6,628.65	$35,072.01	$414.15	$42,114.81	$71,823.46
1863	6,151.27	40,575.14	695.30	47,421.71	69,300.63
1864	10,224.81	49,286.53	648.21	60,159.55	101,484.38
1865	23,119.62	34,131.83	717.35	57,968.80	120,885.84
1866	30,086.08	37,538.12	1,162.60	68,786.80	126,015.83
1867	26,086.67	33,758.02	1,164.53	61,009.22	133,844.14
1868	23,663.50	42,481.71	1,419.26	67,564.47	142,535.36
1869	20,128.86	40,736.44	1,373.50	62,238.60	138,132.02
1870	15,844.35	46,087.42	883.05	62,814.82	134,339.63
1871	15,266.51	47,126.12	1,133.74	63,526.37	146,191.23
1872	12,664.70	56,537.74	1,497.86	70,700.30	153,327.60
1873	16,681.66	69,109.97	2,135.29	87,926.92	165,023.79
1874	14,198.41	64,266.27	2,634.60	81,099.28	161,934.11
1875	10,677.72	71,447.23	1,761.59	83,886.54	165,660.47
1876	11,344.58	82,033.60	1,312.94	94,691.12	164,973.80
1877	10,833.10	72,678.63	279.16	83,790.89	143,148.94
1878	11,252.42	85,102.61	588.98	96,944.01	136,394.36
1879	11,564.44	77,216.88	514.25	89,295.57	117,250.02
1880	10,529.35	81,085.73	462.82	92,077.90	131,172.69

Year.	Average cost per week per patient.		Cost over Board.	
	Hospital.	Asylum.	Hospital.	Asylum.
1862	$6.04	$7.27	$36,260.92	$6,640.81
1863	6.66	6.98	41,109.46	2,170.56
1864	8.38	9.76	52,445.01	4,523.85
1865	9.86	12.49	43,121.53	9,507.86
1866	13.88	12 30	53,809.36	558.19
1867	11.28	13.84	44,291.54	....
1868	12.74	16.51	52,893.02	14,642.07
1869	10.14	14.21	48,811.90	....
1870	10.05	13.83	50,811.01	....
7871	9.96	15.80	52,447.68	9,996.88
1872	10.10	16.93	59,547.91	14,917.57
1873	10 29	19.23	72,435.94	26,404.27
1874	10.13	19.59	67,548.81	2,750 66
1875	9.72	21.07	71,989.93	11,872.47
1876	9 41	19.72	82,027.86	13,019.51
1877	9.47	15.66	72,957.79	....
1878	9 87	15.55	83,516.61	....
1879	10.54	14 30	73,440.58	....
1880	10.39	16.48	79,280.61	10,078.33
19 years..........................			$1,138,747.47	127,033.03

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

For the Year 1880.

Number of Patients in the Hospital, January 1st, 1880.

Paying, 17. : : : : Free, 140. : : : : Total, 157.

Admitted from January 1st, 1880, to January 1st, 1881.

	Males.	Females.	Total.
Patients paying board................	225	129	354
" " " part of the time...	34	11	45
" entirely free................	1100	624	1724
	1359	764	2123

		Medical.	Surgical.
Male............................	(Boys 134)	434	926
Female..........................	(Girls 63)	380	383
		814	1309

Of these 1 paid $42.00 per week; 22 paid $35.00; 2 paid $28.00; 1 paid $25.00; 74 paid $21.00; 6 paid $14.00; 2 paid $12.00; 63 paid $10.50; 2 paid 10.00; 161 paid $7.00; 4 paid $6.00; 1 paid $5.50; 35 paid $5.00; 3 paid $4.50; 12 paid $4.00; 2 paid $3.50; 6 paid $3.00; 1 paid $2.50; 1 paid $2.00.

Whole number of patients treated during the year: paying, 371; paying a part of the time, 45; free, 1,864;—total, 2,284.

Discharged during the Year.

	Medical.	Surgical.	Males.	Females.	Total.
Well	375	811	752	434	1186
Much relieved	153	132	186	99	285
Relieved	130	130	147	113	260
Not relieved	53	21	48	26	74
Not treated	31	93	74	50	124
Dead	71	80	122	29	151
Insane and eloped	2	24	23	3	26
	815	1291	1352	754	2106

Number of Patients remaining December 31st, 1880.

Males	106	Females	68	Total	174
Paying	17	Free	157	Total	174
Medical	64	Surgical	110	Total	174

Proportion of deaths to whole number of results, 7.16 per cent.

Number of patients received on account of accidents, 351.

The greatest number of paying patients at any one time, was 35; in private rooms, 9; the greatest number of free patients, 165; the greatest total, 188. The least number of paying patients at any one time, 12; in private rooms, 1; the least free, 132; the least total, 156. The proportion of ward beds occupied by free patients, was 85 per cent.; by paying patients, 15 per cent.; about 2.45 per cent. of the paying patients occupied private rooms.

The average number of patients was 170; males, 64; females, 36.

The average number of paying patients was 19; Americans, 12 2-3; foreigners, 6 1-3.

The average number in private rooms was 5 1-2.

The average number of free patients was 151; Americans, 75; foreigners, 76.

The average time of paying patients was 2.58 weeks, and that of free patients 4.53.

Residences.

Boston	993	Rhode Island and Connecticut	11
Massachusetts, (excepting Boston)	988	Other States	26
Maine	33	British Provinces	26
New Hampshire and Vermont	46		

Birthplaces.

Boston	175	British Provinces	244
Massachusetts, (excepting Boston)	525	Great Britain	121
Maine	167	Ireland	511
New Hampshire	84	Germany	34
Vermont	29	Norway and Sweden	35
Rhode Island and Connecticut	37	France	17
New York	41	Western Islands	8
Southern and Western States	59	Belgium and Holland	4
		Italy	5
		Switzerland	6
		Other places	21
Total Americans	1117	Total Foreigners	1006

Occupation.

Males.	Paying.	Free.	Partial Payment.
Mechanics	34	177	8
Laborers	36	534	10
Farmers	16	45	4
Miners	9	126	2
Seamen	18	49	1
Clerks	17	34	2
Teamsters	2	23	1
Traders	16	18	2
Servants	3	28	..
Lawyers	4	1	1
Clergymen	1	1	..
Physicians	6	3	..
Merchants	23	8	2
Students	11	6	2
Other Professions	30	49	..
	226	1102	35

Total Males 1363. Of these 65 were in private rooms.

Females.	Paying.	Free.	Partial Payment.
Domestics	12	244	1
Minors	10	62	..
Wives	69	195	6
Widows	13	25	1
Seamstresses	3	35	..
Spinsters	16	15	..
Operatives	1	11	1
Teachers	2	5	..
Clerks	1	4	..
Nurses	1	26	1
	128	622	10

Total Females 760. Of these 33 were in private rooms.

Twenty per cent. of the free patients were female domestics; thirty-one per cent. were laborers; ten per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

Phthisis, (Consumption)	68	Paralysis	21
Syphilis	24	Epilepsy	8
Chronic Ulcers	38	Cancer	21
Scrofula and Abscesses	5	Uterine	19
Insanity and Delirium Tremens	11	Injuries	13
Hip and Spine	38	Of Skin	13
Debility and Senility	20	Contagious	28
Chronic Rheumatism	31	Other Diseases	220
Total			578

Males	328	Americans	368
Females	250	Foreigners	210

Residents of Boston	242
" " Massachusetts	282
" " Other places	54

Out-Patients.

Number of new patients.............20,566

Men.........7,809 Women....8,568 Children....4,189

Americans	12,328	Residents of Boston	13,516
Foreigners	8,138	Of other places	7,056

Medical Department for Women	3,971
" " Men and Children	4,181
Surgical Department	4,750
Ophthalmic "	464
Dental "	4,217
Department for Diseases of the Skin	1,330
" " " Nervous System	463
" " " Throat	1,190
Total attendance	37,245
Average daily attendance	120

Of the Surgical cases, there were :

Fractures and Dislocations	290	Genito Urinary	400
Wounds	410	Club-Foot	24
Sprains and Injuries	716	Specific	212
Abscesses	393	Hernia	114
Ulcers	153	Necrosis	52
Felons	117	Fistula in Ano	22
Tumors	492	Diseases of Joints	141
Diseases of Hip	48	Referred	145
Diseases of Spine	86	Miscellaneous	1033

Of the Dental patients, 755 had 1,027 teeth filled; 3,341 had 5,069 teeth extracted.

By referring to the tables for "Admissions, Discharges and Results," in this report, it will be seen that the number of patients admitted this year exceeds that of last year by three hundred and ten, and exceeds the number admitted in 1876 by two hundred and seventeen, the number admitted that year being the largest ever admitted in any one year until the present.

The number of acute cases admitted has been very much larger. The average time of residence shorter, and for paying patients two-thirds of a week less than in 1876; for free patients one and one-fifth's weeks less.

We most gratefully acknowledge the gifts of the many kind friends who have remembered us through the year, and especially those who gave so abundantly of their time and means on Thanksgiving, Christmas and New Year's Day. Messrs. Lockwood, Brooks & Co., and the Forbes Lithograph Co. made us ample and most acceptable gifts of Christmas and Lithograph cards for which we are very thankful.

The Young Men's Christian Union has furnished seventy-five "Patients' Rides," taking out three hundred and twenty-four patients.

Respectfully submitted,

JAMES H. WHITTEMORE,
Resident Physician.

To the Board of Trustees,
Boston, January 1st, 1881.

THE AMBULANCE

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a Medical Officer, will be despatched to any point north of Dover and Berkeley Streets, for the conveyance of cases of *accident* or *urgent sudden sickness*, *not contagious*, to this Hospital, or elsewhere, upon notice from a Physician, the Police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JAMES H. WHITTEMORE, M. D.,
Resident Physician,
Mass. Gen. Hospital, Blossom St.

APPENDIX.

ARE FREE DISPENSARIES ABUSED?

READ BEFORE THE BOSTON SOCIETY FOR MEDICAL IMPROVEMENT AND BEFORE THE SUFFOLK DISTRICT MEDICAL SOCIETY.

BY J. H. WHITTEMORE, M. D.

Resident Physician Massachusetts General Hospital.

The subject of free dispensaries and the question of their abuse, both in this and foreign countries, had attracted so much attention and consequent discussion, that in 1877 the Trustees of the Massachusetts General Hospital requested me to investigate the out-patient department of said hospital, and ascertain, if possible, if a large class of people did not come there for free treatment, who, by reason of their ability to pay for medical services ought not to be allowed this privilege. Sufficient was learned to show that the charity was abused. Since that time the number of patients has steadily and rapidly increased. Inquiry at the Boston Dispensary, and at the Boston City Hospital Dispensary, shows that the same feeling of abuse of their dispensaries exists in the minds of their respective superintendents. With this general feeling existing in the minds of the trustees and superintending officers of the three principal dispensaries of the city, I feel that the subject ought to come before the profession to be discussed, and plans for correction made, if abuses are really believed to exist worthy of notice. To this end I wish to lay before the society certain statistics and facts, perhaps not new, but to refresh your memories, if need be, so that discussion of the subject may be had, and the feeling of the society on this subject may be learned; also, to see if any action to correct abuses seems advisable, and if so, what the course to be pursued shall be.

The Boston Dispensary was opened in 1796 "for the purpose of affording medical advice and relief to the sick poor of said town." To July, 1856, there had been treated in this dispensary 118,802 patients. The population of the City of Boston when the dispensary was opened was about 21,000, and had increased in 1856 to about 162,000. In 1860 the number of patients treated in the Boston Dispensary was 16,000. In the Massachusetts General Hospital Out-Patient Department, which had been open fourteen years, the number for 1860 was 4,433, making 20,433 the total number treated in the Boston and Massachusetts General Hospital Dispensaries. The population of the city at this time, 1860, was 177,840, so that there was one free patient to every eight and eight-tenths of the population. During the next ten years, to 1870, the number of patients had more than doubled, being in 1870, at the Boston Dispensary, 25,928; at the Massachusetts General Hospital Dispensary, 8,767; at the Boston City Hospital Dispensary,—which had been open six years,—8,899; total during the year 1870, 43,594; population of the city, 250,256,—one patient to every five and seven-tenths of the population. The last reports of the three above-mentioned dispensaries give the Boston Dispensary 34,648; Massachusetts General Hospital Dispensary 20,566; Boston City Hospital Dispensary 10,309, and in addition to these, I find that during the last year, or in their last reports, the following dispensaries treated patients as follows: Homœopathic Hospital Dispensary 11,826; New England Hospital Dispensary 5,212; Charlestown Dispensary 1,103; making a total in the six dispensaries of 83,664. Population of the city about 360,000, and one patient to every four and three-tenths of the population. In addition to the above dispensaries, Dr. Charles W. Williams, in a report to the Common Council in March last, showed that there were fourteen other free dispensaries and hospitals in the City of Boston.

It has been impossible to get full reports from all of these hospitals and dispensaries. Is it unreasonable to estimate, with above facts, that more than one-fourth of all the inhabitants of Boston receive free medical treatment?

The Boston Dispensary, previous to three years ago, admitted all who applied from the city, and furnished them with medicines, the only care taken being to prevent, if possible, non-residents from being treated. Three years since a man was employed to see every person who came for treatment, and an attempt was made to exclude non-residents and undeserving people, especially those, who, on inquiry, did not seem worthy or needing charity; this plan is still kept up with satisfactory results, as the number has fallen from 48,000, in 1877, to 34,648 at their last annual meeting. The superintendent believes that there is still a decided per cent. of those now treated who are unworthy, from their ability to pay for medical services. In June last the dispensary stopped giving medicines and charged ten cents for all prescriptions, except in cases of extreme poverty. Dr. Hastings says the result has been most satisfactory to the financial interests of the dispensary.

In the Massachusetts General Hospital Out-Patient Department, prior to 1877, there were placed in conspicuous places in each room of the department, a box with a card over it, inviting all those liberally inclined, who came there for treatment, to deposit in these boxes what little money they felt disposed to. The amount was never burdensome to the hospital, and never exceeded one hundred dollars a year. In 1877 a person was employed by the hospital to see every person who came for treatment, and asked them if they could afford to pay for medical treatment or not? If not, they were at once admitted after giving their name and address. Those who said they could pay, were asked to give according to their means, but less than twenty-five cents was not desired. Those who could pay a dollar and over were told not to come again after their first visit, as they were not of the class for whom the department was opened, but that they must seek advice outside, at the physicians' offices. This did not result in any diminution of patients, and in a short time but very few could afford to pay over twenty-five cents. This system is not satisfactory, and seems to act as a premium on deceiving. In November, 1877, a competent and experienced man was employed to investigate the condition of all who came to the department from Boston (old city) and South Boston. The result was as follows: number of visits, 386; number of deserving poor, 254; number giving wrong addresses, 79; number amply able to pay, 53. Of the fifty-three able to pay, nineteen owned their houses and other property in the city. The number giving wrong addresses were classed as undeserving, as is the custom in other cities and countries; with these and those able to pay we have one-third of the whole number considered as undeserving applicants. The Massachusetts General Hospital Dispensary gives no medicines, only in extreme and recommended cases.

The Boston City Hospital Dispensary, when first opened in 1864, furnished medicines and advice free to all residents of the city who applied. In 1869 (?) they stopped giving medicines except in the most extreme cases. They continue the same plan at present, and strive to exclude non-residents.

The classes of people who come for advice and treatment are nearly the same in the three mentioned dispensaries, and are as follows: (1) The needy and deserving poor; (2) those who come because they can be treated free, or nearly so; (3) those who come for free examination and opinion, to see if they are being treated correctly by their own physician; (4) those sent by their physician for free examination, to find out what really is the matter; (5) and last, patients brought by their physicians to get a free consultation. All of these classes visit the different dispensaries, but the last three classes are found more in abundance at the City Hospital and Massachusetts General Hospital Dispensaries, and particularly so at the Massachusetts General Hospital, as *one-third* of the patients there come from outside of the city, some even as far as forty miles away.

Let us, for a short time, see what has been done in similar conditions in England. The subject had received much attention prior to 1870; in that year, at a meeting presided over by Sir William Fergusson, at which one hundred and fifty-six members of the medical profession were present, the following resolution was passed:—

"That this meeting is of opinion that there exists a great and increasing abuse of out-door relief at the various hospitals and dispensaries of the metropolis which urgently requires a remedy; and that, in the opinion of this meeting, the evils inseparable from the system of gratuitous medical relief administered at the out-door department of hospitals and in free dispensaries, can be in great measure met by the establishment on a large scale of provident dispensaries throughout the kingdom, and by improved administration of poor-law medical relief." Following this were meetings of various societies, and in April, 1875, the following memorial, of which I quote only a part, was made to the president and committee of council of the British Medical Association: "We, the undersigned, members of the British Medical Association, and others, beg most respectfully to request the committee of council to take into consideration the relation of the medical profession to the hospitals and free dispensaries throughout the kingdom. Your memorialists are convinced that the manner in which these institutions, with some few exceptions, are at present conducted, inflicts a serious injury upon many most deserving members of our profession; while the indiscriminate (or almost indiscriminate) bestowal of gratuitous medical relief upon all applicants lowers the whole scale of our professional remuneration, it is far from being a real boon to the working classes themselves, and cannot fail, in the long run, to have a prejudicial influence upon the nation at large." At this time investigation was made as to the number receiving medical aid in London, and it was found that one-fourth of all the inhabitants were receiving free medical care. In a report of the Medical Committee of the Charity Organization Society I find the following: "It is the out-patient departments of hospitals that are most abused, and it is in these departments that your committee desire to see the indiscriminate relief at present given largely curtailed." They believed that this could be done without seriously affecting the supply of cases which are needful for clinical instruction at those hospitals which have medical schools attached to them, and without limiting the true province of Christian charity."

"Under the present circumstances, when there are in the metropolis about one hundred and five hospitals and dispensaries to which the artisan or laborer can turn at any moment, and which may almost be said to be bidding against one another for his patronage, it is obvious that the inducements to providence and self-reliance are entirely taken away. This state of things your committee regard as a very great evil, and they believe that there is no one class of charities which is doing so much to pauperize the population, to undermine their independence and self-respect, and to discourage habits of providence, as the medical charities. The committee are well aware of the great benefit that these institutions, if properly used, are capable of conferring upon the humbler ranks of our population. These benefits it would be difficult to exaggerate, but the committee deplore the almost indiscriminate relief which is given."

The outgrowth of this movement in England was the establishment of provident dispensaries, which, I presume, are more or less familiar to all of the society, and I will only briefly describe them. They do not care for those provided for by the poor-laws, or what we call paupers, but receive those of the lower middle class who, under the ordinary circumstances of life, can care for themselves, but are unable to obtain medical care when sickness comes. This class pay a small amount each month, say a shilling or twenty-five cents, and then when sick are cared for by the provident dispensary, who, on being notified of the case, send some of their physicians, who, in turn, are paid a small fee by the dispensary. Thus the patient has proper medical care, and the physician is not deprived of his entire fee. The result of these provident dispensaries has been most satisfactory, according to recent reports.

Should any change from the present course be deemed advisable, to my mind the first and most important step to be taken is the earnest, hearty, and complete coöperation of all the hospitals and dispensaries in some one distinct plan of work.

When the associated charities were first started I hoped we could find aid in this work from them, but further thought and examination induces me to believe that such aid, as now organized, would entail so much delay that suffering would follow.

The provident dispensaries are quite satisfactory in England, but from my imperfect knowledge of them my impression is that the detail and machinery connected with their working would render them impracticable here at present.

My last suggestion—and the one in which I have at present the most faith—is that of a competent and experienced paid inspector at each of the large dispensaries.

Such an officer should examine each and every person who applies for treatment, and should have power to exclude *all* except the deserving poor. He should personally examine each case, and after the hours of admission to the dispensary, should devote the remainder of the time to visiting and examining into the condition of those who have been treated, in order to ascertain if they are as represented—poor and deserving people.

SIXTY-THIRD ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE M^c^LEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL.

JANUARY 1, 1881.

To the Trustees of the Massachusetts General Hospital,

GENTLEMEN,—

In preparing the following report relating to the number and condition of the patients treated in the Asylum during the past year, I have used the new tables recommended by the Board of Health, Lunacy and Charity, for the use of the Massachusetts hospitals and asylums for the insane. Such of the tables are omitted as do not relate to such an institution as this, or, for which the data is not available.

TABLE No. 1.

General Statistics of the year.

	Males.	Females.	Total.
Patients in the Asylum, January 1st, 1880........	66	85	151
Admissions within the year.....................	17	34	51
Whole number of *cases* within the year..........	83	119	202
Discharged within the year.....................	16	32	48
Viz:—as Recovered........................	6	6	12
Much improved...................	2	8	10
Improved........................	4	6	10
Unimproved......................	1	9	10
Deaths..	3	3	6
Patients remaining December 31st, 1880, supported as private patients, ...	67	87	154
Number of different *persons* within the year......	81	118	199
" " " " admitted..........	17	34	51
" " " " recovered..........	6	6	12
Daily average number of patients...............	67.593	84.672	152.265

Of the admissions, two men and one woman were discharged and admitted again during the year, but no one was twice admitted during that period. There were two hundred and two cases treated during the year, representing one hundred and ninety-nine different persons. Of the fifty-one persons admitted, twenty-eight were regarded as recent cases, and twenty-three as chronic, or as incurable, at the time of admission.

Thirty persons—six men and twenty-four women—had never before been in any hospital. Of the remaining twenty-one persons, ten—seven men and three women—were admitted for the *second* time; seven—two men and five women—for the *third* time; one man for the *fourth* time; one woman for the *fifth* time; one woman for the *sixth* time; and one man for the *sixteenth* time. Of these twenty-one persons, fifteen—seven men and eight women—had formerly been inmates of this Asylum.

There were twenty-five less admissions, thirty-one less discharges, and twenty-eight less cases under treatment than during the year 1879; and the number present was three more at the end than at the beginning of the year.

Of those discharged, six—one man and five women—were transferred to other hospitals; four women to Danvers; one woman to Butler Hospital; and one man to an asylum in Germany.

Of the eleven persons discharged recovered, nine had never before been inmates of any hospital; one had been at Taunton, and one had been an inmate of this Asylum. Three persons were admitted and discharged recovered within the year.

The expenses of the year were considerably increased over those of the immediately preceding one, chiefly because of large expenditures which had become very necessary in general repairs and plumbing, and in furnishings. This work has been going on during the whole of the year, and all the plumbing of the Appleton Buildings, and about two-thirds of that of the other buildings, has been taken out and replaced with new and well ventilated apparatus. Considerable outlay has been made in renovating rooms and wards, particularly in the Appleton Buildings, in improving ventilation, in new carpetings and furnishings in general.

The new gas-house, which has been in operation nearly a year, has effected a saving of more than one-half in the cost of lights.

Much attention has been given during the year, as in times past here, to the subject of non-restraint, which includes the increase of freedom of the inmates. Some of the gentlemen have been allowed to go out on parole, but there is an obstacle to the extension of this practice, in the proximity of the city, and, in regard to some cases, because of the encompassing lines of railroads very near the buildings. The practice of keeping unlocked during the day, the doors of four, and sometimes of five of the ten wards for ladies, has been continued as for the last eight or ten years. The occupants of these wards thus go freely from one to another, or out into the large, shady garden for the use of the ladies. This garden is enclosed by a fence, which is necessary, if for no other reason, because of the immediate proximity of railroad tracks, and to prevent intrusion from a populous neighborhood. Six of the wards for gentlemen, communicate freely with each other by doors which are never locked by day or night, and, as a rule, the doors of rooms are not locked at night.

Many of the windows of the asylum have large panes of glass, and are protected by ornamental latticed gratings of small iron rods. During the latter part of the year a number of these gratings were removed from windows of parlors and chambers, and the sashes were stopped so as to open only six inches at the top and bottom.

In relation to mechanical restraint, the principle adopted is, to reduce it to a minimum, and never to employ it when other means will do as well. In a small percentage of cases, it may prove to be a proper and useful therapeutic measure.

The usual means of diversion and entertainment have been made use of during the year, such as concerts, readings, and dancing parties, in the newly renovated hall. There have been carriage drives every week-day in good weather, and visits to places of interest and amusement in and about Boston.

The continued attentions of the many friends of the Asylum, are gratefully appreciated and remembered.

Very respectfully,

EDWARD COWLES,

Superintendent.

TABLE NO. 2.

Monthly Admissions, Discharges, and Averages.

Months.	Admissions.			Discharges, (Including Deaths.)			Daily Average of Patients in the House.		
	Ma.	Fe.	Total.	Ma.	Fe.	Total.	Ma.	Fe.	Total.
January	1	4	5	1	2	3	65.77	82.93	148.70
February	..	4	4	..	1	1	66.00	86.68	152.68
March	1	..	1	1	2	3	66.16	83.87	150.03
April	1	2	3	..	2	2	66.10	82.13	148.23
May	1	6	7	1	2	3	67.35	85.55	152.90
June	1	2	3	1	3	4	67.70	86.76	154.46
July	3	1	4	2	1	3	67.51	85.19	152.70
August	3	5	8	2	3	5	68.48	89.81	158.29
September	..	2	2	..	1	1	69.00	86.26	155.26
October	4	2	6	2	2	4	68.00	83.00	151.00
November	..	5	5	1	3	4	70.30	80.10	150.40
December	2	1	3	5	10	15	68.74	84.74	153.48
Total *cases*	17	34	51	16	32	48	67.59	84.67	152.26
Total *persons.*	..	..	..	15	32	47	..	..	..

TABLE NO. 3.

Received on First and Subsequent Admissions.

Number of the Admission.	Cases Admitted.			Times previously Recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First	6	24	30	..	..	..
Second	7	3	10	2	..	2
Third	2	5	7	1	2	3
Fourth	1	..	1	..	..	..
Fifth	..	1	1	..	3	3
Sixth	..	1	1	..	1	1
Sixteenth	1	..	1	15	..	15
Total of *cases*	17	34	51	18	6	24
Total of *persons*	17	34	51	..	..	..

These 24 recoveries represent 8 persons, one having recovered 3 and another 15 times.

Table No. 4.

Ages of Persons admitted for the First Time.

Ages.	At first attack of Insanity.			When Admitted.		
	Males.	Females.	Total.	Males.	Females.	Total.
Fifteen years and less.	..	..	..	..	..	..
From 15 to 20 years..	1	..	1	1	..	1
" 20 to 25 " ..	..	3	3	..	1	1
" 25 to 30 " ..	2	5	7	2	6	8
" 30 to 35 " ..	1	3	4	1	4	5
" 35 to 40 " ..	1	2	3	1	2	3
" 40 to 50 " ..	1	3	4	1	3	4
" 50 to 60 " ..	..	5	5	..	4	4
" 60 to 70 " ..	..	3	3	..	3	3
" 70 to 80 " ..	..	..	..	..	1	1
Trtal of *persons*......	6	24	30	6	24	30

Table No. 5.

Residence of Persons Admitted.

Places.	Males.	Females.	Total.
Massachusetts :—			
Suffolk County	9	11	20
Middlesex County	3	11	14
Bristol County	1	1	2
Norfolk County	1	1	2
Worcester County	..	1	1
Essex County	..	1	1
Plymouth County	..	1	1
Maine	..	2	2
New Hampshire	..	2	2
Vermont	1	..	1
Rhode Island	..	1	1
New York	2	1	3
Illinois	..	1	1
Total of *persons*	17	34	51

TABLE No. 6.

Civil Condition of Persons Admitted.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Ma.	Fe.	Total.	Ma.	Fe.	Total.	Ma.	Fe.	Total.
First........	4	10	14	2	11	13	1	2	3
Second......	2	2	4	4	1	5	1	..	1
Third.......	2	1	3	..	3	3	..	1	1
Fourth......	1	..	1	..	..	..	..	..	..
Fifth........	..	1	1	..	..	..	..	..	..
Sixth........	..	1	1	..	..	..	..	..	..
Sixteenth....	1	..	1	..	..	..	..	..	..
Total *persons*	10	15	25	6	15	21	2	3	5

TABLE No. 7.

Occupations of Persons Admitted.

Occupations.	Males.	Females.	Total.
Housewife..................................	..	15	15
Clerk......................................	4	..	4
Teacher....................................	..	3	3
Merchant...................................	4	..	4
Farmer.....................................	1	..	1
Student....................................	1	..	1
Music Teacher..............................	..	1	1
Dress Maker................................	..	1	1
Physician..................................	1	..	1
Stone Mason................................	1	..	1
Clergyman..................................	1	..	1
Servant....................................	..	1	1
Seamstress.................................	..	1	1
Printer....................................	1	..	1
Civil Engineer.............................	1	..	1
No occupation..............................	2	12	14
Total of *persons*.........................	17	34	51

TABLE No. 8.

Reported Duration of Insanity Before Last Admission.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Ma.	Fe.	Total.	Ma.	Fe.	Total.	Ma.	Fe.	Total.
Congenital...	..	..	..	..	..	..	..	..	..
Under 1 month	3	1	4	..	..	..	3	1	4
From 1 to 3 mo.	1	9	10	..	1	1	1	10	11
" 3 " 6 "	..	2	2	2	..	2	2	2	4
" 6 " 12 "	..	6	6	3	..	3	3	6	9
" 1 " 2 yrs.	2	3	5	2	1	3	4	4	8
" 2 " 5 "	..	2	2	2	5	7	2	7	9
" 5 " 10 "	..	1	1	1	2	3	1	3	4
" 10 " 20 "	..	..	..	1	1	2	1	1	2
Total *cases*...	6	24	30	11	10	21	17	34	51
Total *persons*.	..	..	..	..	..	..	17	34	51
Average of known cases, (in years.)	$\frac{35}{72}$	$1\frac{7}{36}$	$1\frac{19}{360}$	$2\frac{47}{66}$	$4\frac{17}{20}$	$3\frac{46}{63}$			

TABLE No. 9.

Form of Disease in the Cases Admitted.

Form of Disease.	Males.	Females.	Total.
Mania, acute	3	8	11
Mania, chronic	6	9	15
Melancholia, acute	4	13	17
Melancholia, chronic	..	2	2
Dementia, chronic	..	2	2
General Paralysis	4	..	4
Total of *cases*	17	34	51
Total of *persons*	17	34	51

Table No. 10.

Alleged Causes of Insanity in Persons Admitted.

Causes.	Males.	Females.	Total.
Mental.			
Overstudy	1	5	6
Grief	1	..	1
Anxiety	1	1	2
Disappointment	..	1	1
Self-indulgence	..	1	1
Pecuniary trouble	1	..	1
Physical.			
Ill-health	..	7	7
Overwork	1	4	5
Constitutional	2	2	4
Change of life	..	2	2
Child-birth	..	2	2
Domestic trouble	..	1	1
Opium habit	..	1	1
Dissipation	1	..	1
Intemperance	1	..	1
Masturbation	1	..	1
Congenital	1	..	1
Unknown	6	7	13
Total of *persons*	17	34	51

Table No. 11.

Relation to Hospitals of the Persons Admitted.

	Males.	Females.	Total.
Never before in any Hospital	6	24	30
Former inmates of this Hospital	6	5	11
Former inmates of other Hospitals in this State:			
Danvers	1	1	2
Taunton	1	..	1
Worcester	1	..	1
Former inmates of Hospitals in other States	1	1	2
Former inmates of this Hospital and of other Hospitals in this State:			
Danvers	..	2	2
Worcester	1	..	1
Former inmates of this Hospital and of Hospitals in other States	..	1	1
Total of *persons*	17	34	51

TABLE NO. 12.

Discharges Classified by Admission and Result.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First....................	4	6	10	2	6	8	2	5	7	1	6	7	2	2	4	11	25	36
Second..................	1	..	1	..	1	1	..	1	1	..	1	1	1	..	1	2	3	5
Third....................	..	..	..	..	..	..	1	..	1	..	..	..	..	1	1	1	1	2
Fourth..................	..	..	..	..	..	..	1	1	2	..	1	1	..	..	..	1	2	3
Ninth....................	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Fifteenth................	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Total of *cases*............	6	6	12	2	7	9	4	7	11	1	9	10	3	3	6	16	32	48
Total of *persons*..........	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	32	47

TABLE NO. 13.

Cases Discharged Recovered.—Duration.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Total.	Ma.	Fe.	Total.	Ma.	Fe.	Total.
Under 1 month	3	4	7	..	..	..	..	..	..
From 1 to 3 mo.	..	1	1	1	..	1	1	..	1
" 3 " 6 "	..	..	..	1	1	2	1	1	2
" 6 " 12 "	2	1	3	3	1	4	1	1	2
" 1 " 2 yrs.	1	..	1	..	3	3	2	3	5
" 2 " 5 "	..	..	..	1	..	1	1	..	1
" 5 " 10 "	..	..	..	..	..	..	..	..	..
" 10 " 20 "	..	..	..	..	1	1	..	1	1
Total *cases*...	6	6	12	6	6	12	6	6	12
Total *persons*.	5	6	11	5	6	11	5	6	11
Average of known cases, (in months.)	$5\frac{1}{8}$	$1\frac{7}{12}$	$3\frac{17}{48}$	$11\frac{5}{6}$	$30\frac{2}{3}$	$21\frac{1}{4}$	$16\frac{11}{12}$	$32\frac{1}{3}$	$24\frac{5}{8}$

TABLE NO. 14.

Cases Resulting in Death.—Duration.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Total.	Ma.	Fe.	Total.	Ma.	Fe.	Total.
Under 1 month	1	..	1	..	1	1	..	..	..
From 1 to 3 mo.	1	1	2	..	1	1	..	1	1
" 3 " 6 "	..	..	..	1	..	1	..	..	..
" 6 " 12 "	1	..	1	..	1	1	1	..	1
" 1 " 2 yrs.	..	1	1	..	..	..	..	1	1
" 2 " 5 "	..	1	1	..	..	..	..	1	1
" 5 " 10 "	..	..	..	2	..	2	2	..	2
Total.......	3	3	6	3	3	6	3	3	6
Average of known cases, (in months.)	$4\frac{3}{4}$	$18\frac{1}{2}$	$11\frac{5}{8}$	$59\frac{2}{3}$	$5\frac{1}{4}$	$32\frac{11}{24}$	$61\frac{5}{12}$	$23\frac{7}{12}$	44

TABLE NO. 15.

Cases Discharged by Recovery or Death.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute	2	4	6	..	..	..
Mania, chronic	4	..	4	..	2	2
Melancholia, acute	..	1	1	1	1	2
Melancholia, chronic	..	1	1	..	..	..
Dementia, chronic	..	..	..	2	..	2
Total of *cases*	6	6	12	3	3	6
Total of *persons*	5	6	11	3	3	6

TABLE NO. 16.

Causes of Death.

Causes.	Males.	Females.	Total.
Cerebral Disease.			
Disease of Brain	1	..	1
Exhaustion from Mania	..	1	1
Exhaustion from Melancholia	1	..	1
Meningo-encephalitis and diffused sclerosis	..	1	1
Thoracic Disease.			
Bronchitis and emphysema of lung	1	..	1
Heart-clot and œdema of lung	..	1	1
Totals	3	3	6

TABLE NO. 17.

Deaths, Classified by Results of Previous Admissions.

Number of the Admission.	Recovered.			Unimproved.			Total.		
	Ma.	Fe.	Total.	Ma.	Fe.	Total.	Ma.	Fe.	Total.
First	1	..	1	..	1	1	1	1	2
Total	1	..	1	..	1	1	1	1	2

TABLE NO. 18.

Recoveries, Classified by Results of Previous Admissions.

Number of the Admission.	Recovered.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.
First................	1	..	1	1	..	1
Fifteenth............	1	..	1	1	..	1
Total of *persons*......	2	..	2	2	..	2

TABLE NO. 19.

Deaths Classified by Duration of Insanity and of Treatment.

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital..........	..	..	..	..	..	..
Under 1 month......	..	..	..	..	1	1
From 1 to 3 months..	..	1	1	..	..	..
" 6 to 12 " ..	1	..	1	1	1	2
" 2 to 5 years....	..	2	2	..	1	1
" 5 to 10 "	2	..	2	2	..	2
Total...............	3	3	6	3	3	6
Average of known *cases*, (in months.)	$64\frac{5}{12}$	$23\frac{7}{12}$	44	$59\frac{2}{3}$	$5\frac{1}{4}$	$32\frac{11}{24}$

TABLE NO. 20.

Ages of those who Died.

Ages.	At time of the first attack.			At time of Death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 20 to 25 years..	1	1	2	..	..	..
" 25 to 30 " ..	..	..	..	..	1	1
" 30 to 35 " ..	..	1	1	..	1	1
" 35 to 40 " ..	..	1	1	..	1	1
" 50 to 60 " ..	1	..	1	1	..	1
" 60 to 70 " ..	1	..	1	1	..	1
" 70 to 80 " ..	..	..	..	1	..	1
Total........... ...	3	3	6	3	3	6

Table of Admissions, Discharges, and Results, at the McLean Asylum from its opening, October 6, 1818, *to December* 31, 1880, *inclusive.*

YEARS.	Admitted.	Discharged	Whole No. under care.	Died.	Much improved, etc.	Recovered	Remaining at end of year.	Average No. of Patients.
1818–25	398	344	623	29	205	110	279	–
1826	47	46	101	5	21	20	55	–
1827	58	56	113	5	17	34	57	–
1828	77	65	134	5	37	23	69	–
1829	73	77	142	9	42	26	65	–
1830	82	78	147	10	34	34	69	–
1831	83	84	152	8	46	30	68	–
1832	94	98	162	10	45	43	64	–
1833	103	100	167	8	50	42	67	–
1834	108	95	174	7	47	41	80	–
1835	83	84	163	11	28	45	77	–
1836	106	112	183	10	38	64	71	–
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	14	19	151	157
1880	51	48	202	6	10	12	154	152
	6456	6302		922	2581	2745		

Table of Admissions, Discharges and Results at the Massachusetts General Hospital, from Sept. 3, 1821, *to Dec.* 31, 1880.

YEAR.	Total Admitted.	Free.	Paying Board all the time.	Paying part of the time.	Whole Number treated.			Discharged Well.	Percentage on "Total Admitted."	Much Relieved, or Relieved in part.	Not Relieved.	Not Treated, Unfit, Dismissed, &c.	Deaths.	Percentage on "Total Admitted."	Greatest number free at one time.	Greatest number paying at one time.	Greatest total.	Least total.	Average.	Accidents.	Percentage.	Average time of Paying Weeks.	Average time of Free Weeks.	Patients remaining under treatment Dec. 31.		Out-Patients treated.
					Paying Board.	Paying Board part of time.	Free.																	Paying.	Free.	
1821 to 1843	8743	390	327	34	..	..	..	3991	..	2902	913	105	624	..	..	..	123	54	..	..	..	..	..			
1843	365	183	167	15	..	..	..	136	37	115	55	17	41	11	..	..	56	33	47^{2}	..	..	4	6			
1844	435	250	174	11	..	.	..	183	43	137	41	23	47	11	..	30	71	40	53	55	12^{2}	3 6-7	7 1-7			
1845	453	265	176	12	..	..	..	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	..	..	..	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	..	..	..	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	..	..	328
1848	804	460	283	61	..	..	..	400	50	219	52	39	103	13	86	38	124	94	108	103	12^{2}	3 1-7	5	..	..	378
1849	870	543	273	54	..	..	..	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	..	..	272
1850	746	427	242	77	..	..	..	363	48	200	56	49	76	10	103	33	136	83	108	98	13	2 6-7	6	..	..	294
1851	839	477	298	64	..	..	..	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	..	..	237
1852	826	472	271	83	..	..	..	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	..	..	248
1853	925	505	335	85	..	..	..	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	..	..	358
1854	922	490	321	111	..	..	..	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	..	..	477
1855	915	414	352	147	..	..	..	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	..	..	645
1856	976	545	335	96	..	.	..	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	..	..	887
1857	920	549	280	91	..	..	..	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	..	..	1574
1858	1015	718	251	46	..	..	..	514	50	229	65	50	127	13	120	31	144	91	123	186	18^{2}	4	7^{2}	..	..	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59.	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1599	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	5619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	59	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9.36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	845	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140		3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178		3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259		3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291		3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234		2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285		2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7 86	182	36	210	163	185	245		3.22	5 73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147		2.84	5.54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200		2.80	5.27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222		2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	151	7.16	165	35	188	156	170	351		2.58	4.53	17	157	20566
	64420							18802		13978	3422	3001	4739													235818

Table of Applications, Admissions, etc., for Seventeen Years,—1864–'80.

	Applications.	Admissions.		American.		Foreign.		Not Admitted.	Discharged, cured, relieved, or improved.		Percentage of same, on Admissions.		Died.			Whole number under care in the year.		No. of Free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any one time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		Average time in weeks Paying and Free at Hospital.		Out Patients.
Years.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3.7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5.1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91.0	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	631	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3.4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3.9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3.1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3.3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80.80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	48	81.53	94.1	151	6	351	2284	292	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566

Table Showing the Cost of the Principal Stores at the Massachusetts General Hospital.

Articles.	1877.			1878.			1879.			1880.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin.... ....lbs.	9,100	$1,927.38	.2118	7,729	$1,610.72	.2084	8,375	$1,716.87	.205	8,815	$1,692.99	.1941
" for Soup.......... "	560	23.80	.0425	132	5.28	.04	....	....	....	....	....	....
" Corned............ "	5,889	479.54	.0816	4,378	324.72	.07415	4,123	288.61	.07	4,952	346.64	.07
" Round............. "	9,327	805.85	.0864	11,944	1,016.43	.0851	12,973	1,054.70	.0813	16,414	1,148.98	.07
" Rump.............. "	6,882	1,163.05	.169	4,158	635.34	.1528	....	....	....	....	....	....
" Roasting.......... "	11,584	1,274.24	.11	14,998	1,349.82	.09	14,141	1,341.98	.0949	16,439	1,643.90	.10
Mutton................ "	18,416	2,509.04	.13624	15,808	1,903.28	.1204	12,592	1,385.12	.11	15,522	1,876.60	.1208
Poultry............... "	13,509	2,475.65	.184	14,079	2,276.57	.1617	14,488	2,433.98	.168	13,682	2,123.44	.1552
Butter................ "	10,056	2,644.72	.263	10,156	2,500.40	.2462	10,526	2,589.39	.246	11,011	3,366.06	.3057
Eggs..................doz.	4,608	967.68	.21	5,495	967.12	.176	4,392	843.26	.192	4,214	866.39	.2056
Flour.................bbls.	40	362.48	9.062	42	323.82	7.71	37	266.80	7.40	51	440.15	8.65
Bread.................lbs.	34,343	1,717.15	.05	35,800	1,790.00	.05	36,556	1,827.80	.05	40,536	2,026.80	.05
Ice...................tons.	180⅓	627.54	3.48	238½	808 25	3.333	271¾	714.70	2.63	280¼	1,297.56	4.63
Sugar.................lbs.	10,592	982.88	.0928	12,979	1,023.65	.0781	15,462	1,189.32	.769	21,005	2,003.87	.0954
Tea................... "	593	222.96	.376	738	254.61	.345	848	337.82	.398	1,134½	471.95	.416
Milk..................qts.	97,594	4,879.70	.05	107,618	5,380.90	.05	96,186	4,934.34	.0513	89,904½	4,495.22½	.05
Potatoes..............bush.	909	915.36	1.007	973	964.61	.77	942	1,010.76	1.073	1,039½	902.58	.868

Table Showing the Cost of Principal Stores at the McLean Asylum.

Articles.	1877.			1878.			1879.			1880.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef.....................lbs.	63,352	$7,261.94	.114	77,166	$8,384.25	.108	$58{,}771\frac{1}{2}$	$7,062.58	.12	57,462	$6,625.64	.115
Mutton and Lamb......... "	21,819	2,769.17	.126	21,411	2,411.63	.112	$20{,}266\frac{1}{2}$	2,055.36	.101	$19{,}794\frac{1}{2}$	2,107.14	.106
Veal..................... "	5,029	651.17	.129	7,636	1,017.22	.133	$9{,}182\frac{1}{2}$	1,045.09	.113	12,288	1,372.34	.111
Poultry.................. "	29,321	5,164.12	.176	33,620	5,305.56	.157	$25{,}754\frac{3}{4}$	4,148.75	.16	$23{,}714\frac{1}{2}$	3,726.80	.157
Hams, etc................ "	13,076	1,477.74	.113	14,966	1,556 23	.103	$7{,}180\frac{1}{2}$	670.81	.093	$8{,}932\frac{1}{2}$	899.85	.1007
Eggs....................doz.	13,257	2,874.59	.216	13,679	2,508.71	.183	11,270	2,242.03	.198	11,295	2,337.09	.2069
Lard.....................lbs.	2,786	310.40	.111	2,256	181.61	.08	1,723	123.00	.071	1,849	159.24	.086
Flour...................bbls.	425	3,952.46	9.299	449	3,440.50	7.662	397	2,709.85	6.825	418	3,296.63	7.886
Butter...................lbs.	19,990	5,105.84	.255	21,240	5,390.49	.253	$20{,}219\frac{1}{2}$	4,873.85	.241	$19{,}511\frac{3}{4}$	5,405.80	.277
Coffee................... "	5,840	1,670.33	.285	5,066	1,309.89	.258	$4{,}934\frac{1}{2}$	1,271.89	.257	4,124	1,212.62	.294
Tea...................... "	1,775	739.44	.416	1,532	626.22	.408	1,383	450.72	.325	$1{,}492\frac{1}{2}$	486.41	.325
Sugar.................... "	28,199	3,174.47	.112	28,796	2,716.50	.094	$23{,}759\frac{1}{2}$	2,039.82	.085	24,330	2,290.05	.094
Lights, Gas, etc..........feet.	....	4,840.31	....	2,112,100	5,695.42	2.60⅌Mft	2,072,000	5,559.83	2.60⅌Mft	....	2,515.78	....
Coal....................tons.	$1{,}250\frac{494}{2000}$	6,057.45	4.845	$1{,}064\frac{1020}{2000}$	5,407.81	5.08	$904\frac{1530}{2000}$	4,015.13	4.44	$1{,}158\frac{1620}{2000}$	5,972.06	5.15
Wood..................cords.	....	....	....	....	....	....	$15\frac{3}{8}$	134.53	8.75	$25\frac{1}{8}$	219.84	8.75
Ice.....................tons.	533	1,836.28	3.445	$588\frac{200}{2000}$	1,958.44	3.33	$476\frac{741}{2000}$	1,208.34	2.53	$462\frac{1560}{2000}$	2,069.31	4.47

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DAVID H. HAYDEN, M.D.	*Physicians to Out-Patients.*
WILLIAM L. RICHARDSON, M.D.	
EDWARD N. WHITTIER, M.D.	
ELBRIDGE G. CUTLER, M.D.	
F. GORDON MORRILL, M.D.	
FREDERICK C. SHATTUCK, M.D.	
THOMAS B. CURTIS, M.D.	*Surgeons to Out-Patients.*
JOHN HOMANS, M.D.	
WM. STURGIS BIGELOW, M.D.	
JAMES C. WHITE, M.D.	*Physician to Out-Patients with diseases of the Skin.*
JAMES J. PUTNAM, M.D.	*Physician to Out-Patients with diseases of the Nervous System.*
FREDERICK I. KNIGHT, M.D.	*Physicians to Out-Patients with diseases of the Throat.*
S. W. LANGMAID, M.D.	
OLIVER F. WADSWORTH, M.D.	*Ophthalmic Surgeon to Out-Patients.*
MANNING K. RAND, D.M.D.	*Dental Surgeon.*
REGINALD H. FITZ, M.D.	*Microscopist, and Curator of the Pathological Cabinet.*
EDWARD S. WOOD, M.D.	*Chemist.*
HENRY P. QUINCY, M.D.	*Artist.*

WILLIAM N. SWIFT,	*Medical House-Pupils, for* 1880–81.
THOMAS F. SHERMAN,	
FRANK B. HARRINGTON,	*Surgical House-Pupils, for* 1880–81.
WILLIAM D. HODGES,	
CHARLES P. STRONG,	
CHARLES B. WITHERLEE,	
MISS G. L. STURTEVANT,	*Matron.*
JOHN W. PRATT,	*Apothecary.*

OFFICERS OF THE McLEAN ASYLUM.

EDWARD COWLES, M.D.	*Superintendent.*
GEORGE T. TUTTLE, M. D.,	1*st Assistant Physician.*
FREDERICK M. TURNBULL, M. D.,	2*nd Assistant Physician.*
ROYAL WHITMAN,	*House Pupil.*
JOSEPH H. POTTS,	*Apothecary.*
RANSOM WILLARD,	*Supervisors.*
MISS LUCIA E. WOODWARD,	

STANDING COMMITTEES.

On Finance.

MESSRS. KIDDER and MORRILL.

On Accounts and Expenditures.

MESSRS. LOTHROP and WOLCOTT.

On Free-Beds.

MESSRS. BOWDITCH and ENDICOTT.

On the Book of Donations.

DR. BEMIS.

On the Warren Fund and Library.

MESSRS. ELIOT and HALE.

On Repairs.

MESSRS. DALTON, DWIGHT, and WARREN.

On Admitting Patients.

MESSRS. WARREN and DWIGHT.

VISITING COMMITTEE.

February and August, . .	Messrs.	KIDDER and WOLCOTT.
March and September, .	"	MORRILL and ENDICOTT.
April and October, . . .	"	DWIGHT and ELIOT.
May and November, . .	"	BOWDITCH and DALTON.
June and December, . .	"	HALE and WARREN.
July and January, . . .	"	BEMIS and LOTHROP.

LADIES' VISITING COMMITTEE.

January, . . .	Miss E. GRAY, Miss ELLEN CARY, Miss MARGARET CURTIS.
February, . . .	Miss GRAY, Miss ELIZA GOODWIN, Miss SERAFINA LORING.
March, ...	Miss GOODWIN, Miss SERAFINA LORING, Miss LOUISA LORING.
April, ...	Mrs. JOHN C. PHILLIPS, Miss LOUISA LORING, Miss MARGARET CURTIS, Miss ELIOT.
May, ...	Miss MARGARET CURTIS, Miss ELIOT.
June, ...	Mrs. S. ELIOT, Miss ELLEN T. PARKMAN.
October, . . .	Mrs. ELIOT, Miss PARKMAN.
November, . . .	Miss ANNIE W. MORRILL. Mrs. H. W. HAYNES.
December, . . .	Miss MORRILL, Mrs. HAYNES.

MASSACHUSETTS

GENERAL HOSPITAL.

BY-LAWS OF THE CORPORATION

AND

RULES OF THE TRUSTEES.

REVISED 1881.

BOSTON:
T. H. BALL, 10 FRANKLIN AVENUE.
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BY-LAWS OF THE CORPORATION.

ARTICLE 1. The Corporation shall consist of all persons who have been or may be Trustees; of all who, at any legal meeting of the Corporation, are elected members by ballot; and of all who have given one hundred dollars and upwards, or the equivalent, to the Hospital or Asylum, or to the funds of the Corporation.

ART. 2. The annual meeting of the Corporation shall be held on the first Wednesday of February in every year, when the following officers shall be chosen by ballot, viz: a President, Vice-President, eight Trustees, a Treasurer, and a Secretary, to serve one year, and until others shall be chosen. Of this meeting notice shall be given by the Secretary in one or more newspapers printed in Boston, at least a week previous to the appointed day.

ART. 3. The President, and in his absence, the Vice-President, shall preside at all meetings which he may attend, and shall have power to order special meetings, the Secretary giving at least three days' notice in one or more newspapers printed in Boston.

ART. 4. The eight Trustees elected by the Corporation, together with four others appointed by the Governor of Massachusetts with the advice and consent of the Council, shall constitute a Board for the immediate management of the institution. They shall meet at least as often as once a month, at such time and place as they shall by vote determine, or as their chairman shall direct; and all questions before them shall be determined by a majority of the Trustees present and voting thereon; but the consent of a majority of the Board shall be required for contracts exceeding five thousand dollars, or for the sale or conveyance of any real estate owned by the Corporation. They shall have power to fill any vacancy that may occur between the annual meetings of the Corporation in the office of Treasurer or Secretary, and in that portion of their own number chosen by the Corporation; to appoint physicians, surgeons, officers, assistants, and servants, with such salaries and wages as they may determine; to make rules for the government of said physicians, surgeons, officers, assistants, and servants, and for the admission of patients, and the management of all departments, the said rules being subject to amendment by the Corporation at their annual meeting or any legal meeting specially called for that purpose. They shall cause a record of all their doings to be kept, and laid before the Corporation at every meeting thereof; and at every annual meeting they shall make a written report on the Treasurer's accounts, and on the general state of the institution; and for this purpose they shall, at some previous meeting, appoint a committee of the Board.

Art. 5. The Treasurer shall give bonds with sureties, to be approved by the Trustees' Committee on Finance, in a sum not less than $20,000, for the faithful discharge of his duties. He shall have the custody of all money, bonds, notes, deeds, and other property belonging to the Corporation, which he shall hold and manage under the control of the Board of Trustees, or their Committee on Finance. He shall pay no money but by order of the Trustees, or of their committees duly authorized to draw on him, or for the regular salaries of the officers. On the payment, when due, of any debt secured by mortgage, the Treasurer is authorized to acknowledge satisfaction thereof, and to discharge the same on the margin of the record. He shall render an account of the state of his books, and of the property in his custody, when called for by the Trustees or Corporation; and he shall make up the accounts to the last day of December in each year, and lay them before the Corporation at the annual meeting. He shall keep a separate account of all receipts and expenditures on account of each of the funds subject to special provisions; and all unexpended balances of such accounts at the close of the year shall be carried to the debit of the accounts for the succeeding year. He shall allow such rates of board on account of any beneficiaries of the several trust funds as the Trustees have ordered to be charged to him.

Art. 6. The Secretary shall notify and attend all meetings of the Corporation and of the Board of

Trustees, and shall keep a distinct record of the doings of each body. He shall keep a book in which shall be entered such extracts from all wills devising or bequeathing property as affect the institution. He shall also audit the accounts of the departments. He shall be sworn to the faithful performance of his duties.

ART. 7. The departments under the Corporation shall be called "The Hospital" and "The McLean Asylum;" into which shall be admitted all such sick, injured, and insane persons, as the Board of Trustees or their authorized committees shall from time to time determine to be fit subjects for treatment.

RULES OF THE TRUSTEES.

CHAPTER I.

MEETINGS AND COMMITTEES OF TRUSTEES, AND ELECTION OF OFFICERS.

Article 1. The Board of Trustees shall annually, at their first meeting after the annual meeting of the Corporation, appoint a Chairman and the following Standing Committees, viz: —

A Visiting Committee of two Trustees for each month, and so composed that every Trustee shall serve for two months.

A Committee on admitting Asylum patients, who shall admit patients to the Asylum; fix their rates of board, subject to the approval of the Trustees; supervise all papers and bonds relating to them, and report to the Trustees annually.

A Committee on Finance, who shall advise the Treasurer as to the mode of keeping his books and accounts, the investment of money, and the management of all money, bonds, notes, deeds, and other property belonging to the Corporation.

A Committee on Accounts and Expenditures, who shall have control over all expenditures except such as may be in charge of other committees; provide for the purchase of all supplies, and fix the salaries and wages of all officers and servants not directly appointed by the Trustees. They shall approve all drafts on the Treasurer, examine the accounts of each department quarterly, or oftener, and, with the assistance of the Secretary, audit and certify to the correctness of the quarterly and yearly financial statements of the Trustees.

A Committee on Buildings and Repairs, who shall superintend all building and repairs. Whenever the cost of such works shall not exceed one hundred dollars, the Committee shall have full power; in other cases, the consent of the Trustees shall be obtained.

A Committee on Free Beds, who shall call on subscribers to renew their annual subscriptions, solicit new subscriptions, and report to the Treasurer.

A Committee on the General Library and the Warren Fund, who shall have charge of the Library, and expend the income of the Warren Fund in accordance with the directions of the donor.

A Committee on the Book of Donations, who shall enter in the same all donations during the year; and from time to time examine the Book of Bequests to the Hospital, kept by the Secretary of the Corporation.

Art. 2. At said meeting the Trustees shall elect by ballot not more than ten practitioners in Physic or Surgery to constitute a Board of Consultation, a Resident Physician of the Hospital, six Visiting Physicians, six Visiting Surgeons, six Physicians and three Surgeons to out-patients, a Physician to out patients with diseases of the skin, a Physician to out-patients with diseases of the nervous system, two Physicians to out-patients with diseases of the throat, an Ophthalmic Surgeon to out-patients, a Dentist, a Chemist, a Microscopist and Curator of the Pathological Cabinet, an Artist, and a Superintendent of the Asylum; all of whom shall hold their offices during the pleasure of the Trustees, and until others shall have been chosen.

ART. 3. At said meeting, or whenever in their opinion it is expedient, the Trustees may appoint any other committees and officers, with such duties as they may prescribe.

ART. 4. There shall be a quarterly meeting of the Board of Trustees at the Hospital on the Fridays preceding the third Wednesdays of January, April, July, and October; and again, at the Asylum, on the Fridays following the said Wednesdays; and at these meetings all reports, accounts, and minutes relative to the Hospital or the Asylum shall be laid before the Board.

CHAPTER II.

VISITING COMMITTEE.

ARTICLE 1. The Visiting Committee shall meet at least once in every week, both at the Hospital and at the Asylum; and if either of the members is unable to attend, he may procure some other Trustee or officer of the Corporation to take his place. They shall visit the wards weekly, and other parts of the houses as often as they may think desirable. They shall, at each weekly visit, receive from the Resident Physician, or Superintendent, a list of the patients, and shall see or obtain an account of each of them.

Art. 2. The Visiting Committee shall keep a book of minutes, both at the Hospital and at the Asylum, common to all the committees in succession, in which shall be entered, at each weekly visit, a record of patients admitted, discharged, or deceased, and any further statement deemed proper. These books shall be laid before the Trustees at their quarterly meetings.

CHAPTER III.

RESIDENT PHYSICIAN OF THE HOSPITAL.

Article I. The Resident Physician shall give his professional services wholly to the Hospital.

Art. 2. He shall reside in the house, and have the immediate superintendence of the medical and surgical departments, except as to the treatment of patients.

Art. 3. He shall have power to nominate an Apothecary, a Superintendent of Nurses, and a Matron, to be confirmed by the Trustees, and to appoint other officers, nurses, attendants, and servants, all of whom shall be under his direction.

ART. 4. He shall have control of the House Pupils, Externes, and Out-Patient Assistants, and see that they comply with the orders of the Visiting Physicians and Surgeons in the treatment of patients.

ART. 5. He shall purchase, or direct the purchase of furniture, provisions, medicines, surgical instruments, and other supplies and materials. He shall collect all dues from patients, and shall keep an account of all his receipts and expenditures, which, with vouchers, shall be presented for approval to the Committee on Accounts and Expenditures quarterly, or oftener if required by the Committee. Before each quarterly meeting of the Trustees at the Hospital, he shall give the Treasurer a statement of all money received or disbursed by him in behalf of the Hospital for the previous quarter, together with a certificate that the same has been examined and audited by said Committee and the Secretary; and annually, in the month of January, he shall make a similar statement for the previous year. For any money that he may require for the use of the house, he shall draw his draft on the Treasurer, and the same shall be honored when approved by said Committee.

ART. 6. He shall admit patients to the Hospital, and assign them to their several wards. He shall decide the rate to be charged for board, or if any free beds are unoccupied, he may grant admission to one of them. He shall keep a record of the name, age, birthplace, residence, and disease of every applicant, and if admitted, the date, and on what terms, the date of discharge, and in what condition, or the date of decease; and this record, in a tabular form, with a tabular summary for each quarter, shall be open to the Trustees and the Visiting Physicians and Surgeons.

ART. 7. He shall report to the Visiting Physicians and Surgeons the names of all paying patients whose time has expired, and of all free patients who have been treated more than three weeks, and shall submit the same weekly to the Visiting Committee; and at every quarterly meeting of the Trustees at the Hospital, he shall lay before them a list of all patients who have been in the house over three months.

ART. 8. He shall, in the absence of the Visiting Physicians and Surgeons, decide upon the case of any admitted patient suspected of being affected with small-pox or other contagious disease, and at once remove such patient from the ward, or discharge him from the Hospital; and whenever patients misbehave, or violate any rules of the house, he may remove or discharge them; but he shall report such cases to the Visiting Committee at their next visit.

ART. 9. He shall prepare an order-book for each ward, in which shall be entered all orders for food and articles required in the wards for the use of either patients or nurses; and, when diet is ordered, the orders shall designate whether it is to be added to the ordinary diet or given as a substitute therefor, and also the time for which the order runs, but not for more than one week in advance; such order shall also be noted on a card at the patient's head.

Art. 10. He shall, upon the death of a patient, immediately give written notice to the family or friends, requesting them to make arrangements respecting the body; and the body shall be in his custody until delivered to the family or friends, or to an undertaker, to be interred. No body shall be removed until twenty-four hours after death, except at the express request of the relatives. He shall keep a press copy of notices to relatives and friends of deceased patients, and of all official correspondence. He shall also make a return of each death in the Hospital to the City Registrar.

Art. 11. He shall see that no autopsy is made within twelve hours after notice of death has been sent, unless with the express consent of the family or friends of the deceased, nor at any time when it shall have been expressly prohibited by the patient, or by the family or friends. He shall enter every autopsy in the Post-mortem Register, giving the name of the deceased, the date of death, notice, and examination, whether the consent of friends was obtained or not, and by whom the autopsy was made. Each entry shall be examined and signed by the Visiting Committee, and the book shall be laid before the Trustees at their meetings at the Hospital.

Art. 12. He shall report in writing to the Trustees, at each of their quarterly meetings at the Hospital, the condition of the medical and surgical departments during the preceding quarter. This report shall exhibit the number of applications for admission, the sex and birthplace of the applicants, the number refused, the number of paying and of free patients admitted, the number discharged, and the number present. At the quarterly meeting in January he shall make an annual report, covering the preceding year.

Art. 13. He shall have a vacation of not less than two weeks every year, giving notice of his intended absence to the Chairman of the Board of Trustees; and so far as he may find it practicable, he shall allow a yearly vacation of two weeks to each of the resident officers and employés of the Hospital.

CHAPTER IV.

VISITING PHYSICIANS AND SURGEONS.

Article 1. Two Physicians and two Surgeons shall be on duty at a time, during terms of four months. Each shall have the exclusive control and care of the patients assigned to him; each shall render to the other such assistance as may be desired, and if either is prevented from visiting, he shall call upon his associate or one of the other Physicians or Surgeons of the Hospital.

Art. 2. The Visiting Physicians and Surgeons shall cause the Resident Physician to be informed, from day to day, of patients no longer requiring treatment, and shall report in writing every week those to be discharged or retained after the expiration of their time.

ART. 3. They shall keep a case-book in both the medical and surgical departments, in which shall be recorded by them, or by the House Pupils under their direction, the name, date of admission, and disease of each patient under their care, and the result of treatment, together with all important facts in the history of the case. As often as may be deemed advisable, with the consent of the Trustees, a summary or index to the principal points in the case-books shall be prepared by some suitable person.

ART. 4. They shall nominate to the Board of Trustees, in the manner hereinafter prescribed, a list of applicants suitable for Externes and House Pupils, one-third for the medical and two-thirds for the surgical department.

ART. 5. Physicians and Surgeons of regular standing may visit the Hospital on making themselves known to the Visiting Physicians or Surgeons, or to the Resident Physician; but they are not to examine the patients or make any observations upon their treatment, except in the presence and at the request of one of the Visiting Physicians or Surgeons.

Students of medicine may be admitted to view the clinical practice of the Hospital by the written permission of one of the Visiting Physicians or Surgeons, or of the Resident Physician; but female students, if admitted, shall be placed in classes separate from male students, and shall attend the clinical practice of the female wards exclusively.

ART. 6. All professional services in the Hospital shall be gratuitous, and any physician or surgeon accepting an appointment upon the staff shall thereby waive all claim for compensation in money, and perform his duty as a charity to the sick and disabled patients under his care, and for the advancement of medical and surgical science.

CHAPTER V.

PHYSICIANS AND SURGEONS TO OUT-PATIENTS, AND OTHER PROFESSIONAL OFFICERS.

ARTICLE 1. The Physicians, Surgeons, and Dentist to out-patients shall arrange among themselves to treat daily such sick and disabled persons among the poor as shall apply at the Hospital.

ART. 2. They shall, at each quarterly meeting of the Trustees at the Hospital, present a classified report upon the applicants for relief during the preceding quarter; and annually, in the month of January, they shall make a similar report for the previous year.

ART. 3. The Chemist shall make such chemical examinations as may be desired by the Physicians or Surgeons.

ART. 4. The Microscopist and Curator of the Pathological Cabinet shall make autopsies and microscopical examinations, and shall preserve morbid specimens in the Pathological Cabinet.

ART. 5. The Artist shall make drawings of such cases of disease as may be useful for future reference. These drawings shall be preserved in the Pathological Cabinet under the care of the Curator.

CHAPTER VI.

SUPERINTENDENT OF THE ASYLUM.

ARTICLE 1. The Superintendent shall give his professional services wholly to the Asylum.

ART. 2. He shall reside in the house, and have the immediate charge of all the departments, and the sole direction of the treatment of patients.

ART. 3. He shall have power to nominate two Assistant Physicians, two House Pupils, an Apothecary, a Superintendent of Nurses, and two Supervisors, to be confirmed by the Trustees; and to appoint other officers, nurses, attendants, and servants, all of whom shall be under his direction.

ART. 4. He shall purchase, or direct the purchase of furniture, provisions, medicines, surgical instruments, and other supplies and materials. He shall collect all dues from patients, and shall charge to the Treasurer such rates of board, on account of beneficiaries of special trust funds, as the Trustees may order. He shall keep an account of all his receipts and expenditures, which, with vouchers, shall be presented for approval to the Committee on Accounts and Expenditures quarterly, or oftener if required by the Committee. Before each quarterly meeting of the Trustees at the Asylum, he shall give the Treasurer a statement of all money received or disbursed by him on behalf of the Asylum for the previous quarter, together with a certificate that the same has been examined and audited by the said Committee and the Secretary; and annually, in the month of January, he shall make a similar statement for the previous year. For any money that he may require for the use of the house, he shall draw his draft on the Treasurer, and the same shall be honored when approved by said Committee.

Art. 5. He shall keep a record of the name, age, and residence of each patient, with the rate of board, and the securities therefor; the time when received, discharged, or deceased, and, in case of discharge, the physical and mental condition. He shall keep a record of every important fact in the history of each patient, open only to the medical officers and the Trustees. He shall also record, from day to day, every case of restraint and confinement, specifying the name of the patient, the kind of restraint or confinement, when and how long applied, for what reason, and by whose authority; and this shall be examined and signed weekly by the Visiting Committees. He shall also record a minute account of any casualty attending the elopement or death of any patient, to be shown to the Visiting Committee at their first visit after the occurrence, and thereafter laid before the Trustees.

Art. 6. He shall, upon the death of a patient, immediately inform the friends and give the notice required by law to the proper officer. Of this and all other official correspondence, he shall keep a press copy. He shall cause the body to be kept until applied for by the friends, or, after a reasonable time, he shall deliver it to an undertaker to be interred. In case of any violent death, he shall cause a Medical Examiner to be summoned.

Art. 7. He shall report in writing to the Trustees, at each quarterly meeting at the Asylum, the condition of the Asylum during the preceding quarter, and at the quarterly meeting in January the report shall cover the preceding year.

Art. 8. He shall have a vacation of not less than two weeks every year, giving notice of his intended absence to the Chairman of the Board of Trustees; and so far as he may find it practicable, he shall allow a yearly vacation of two weeks to each of the resident officers and employés of the Asylum.

CHAPTER VII.

HOUSE PUPILS, EXTERNES, AND OUT-PATIENT ASSISTANTS OF THE HOSPITAL.

Article 1. Out-Patient Assistants to the Physicians, Surgeons, and Dentist, shall be elected by the Resident Physician, in concurrence with said officers, from applicants who (1) shall have studied at least two years, and (2) shall bring certificates of qualification from the Medical School of Harvard University, or an equivalent; and (3) in preference, from those who, being otherwise qualified, shall express in writing a desire to be considered candidates for the office of Externe or House Pupil. They shall each serve not more than two months continuously with any Physician or Surgeon and not more than four and not less than two months in any year. They shall perform such services and keep such records of cases as the officer with whom they serve shall require.

Art. 2. Before nominating candidates for Externes the Visiting Physicians and Surgeons shall confer with the Out-Patient Physicians and Surgeons as to the qualification of their assistants, and shall give preference to such assistants, if in other respects qualified, among the candidates.

Art. 3. Three Externes and three House Pupils, one each for the medical and two each for the surgical department, shall be chosen by the Trustees from a list of applicants nominated by the Visiting Physicians and Surgeons at the April and October quarterly meetings at the Hospital. They shall begin service respectively on the first of August and the first of February following.

Art. 4. They shall, before beginning service, sign a certificate that they have read the Rules of the Trustees, and pledge themselves to the faithful performance of such as pertain to them; and they shall then be under the control of the Resident Physician, subject to the orders of the Visiting Physicians and Surgeons. The House Pupils shall reside in the house, the Externes out of the house. Neither shall leave their posts without permission from the Resident Physician, and they shall make no exchange of their respective duties without the consent of the Visiting Physicians and Surgeons and the approval of the Trustees.

ART. 5. The Externes shall serve six months in attending the daily visits of the Physicians and Surgeons. They may then be promoted to be Junior House Pupils.

ART. 6. The House Pupils shall be classified as Junior and Senior, and serve six months in each class. They shall prepare patients for the regular medical and surgical visits; attend upon the Visiting Physicians and Surgeons during the visits; report the condition of the patients to them; and receive, record, and carry out their orders and prescriptions in respect to the treatment of the patients. The surgical House Pupils shall see that patients are prepared for operations; that those whose cases require it are seasonably dressed; and that the surgical instruments are ready for use before, and taken care of after operations.

ART. 7. The House Pupils shall keep, under the direction of the Visiting Physicians and Surgeons, a daily record of every important fact in the history of the patients, and enter it in the case-book of their department. They shall record all prescriptions of the Visiting Surgeons and Physicians, and transmit a copy of the same, properly attested, to the Apothecary. They shall also see that the daily orders are duly entered in the order-books of the several wards.

ART. 8. Both Externes and House Pupils shall perform all other duties which the Resident Physician, the Visiting Physicians and Surgeons, or the Trustees may require. At the termination of their service, provided it has been satisfactorily performed, House Pupils shall receive a certificate to that effect, under the seal of the Corporation.

CHAPTER VIII.

OTHER OFFICERS OF THE HOSPITAL.

ARTICLE 1. The Apothecary shall reside in the house. He shall make purchases as the Resident Physician may direct, and have the immediate care of drugs, medicines, wines, and liquors used in the house. He shall make up all prescriptions of the Physicians and Surgeons.

ART. 2. The Superintendent of Nurses shall have direction, under the Resident Physician, and the Visiting Physicians and Surgeons, of the nurses and servants in the wards and the Nurses' Building. She shall make requisitions, to be signed by the Resident Physician, for all articles needed in the wards.

ART. 3. The Matron shall have direction, under the Resident Physician, of the servants not in the wards or Nurses' Building. She shall oversee the dining-room, kitchen, laundry, and store-rooms. She shall have charge of the bedding, linen, and other household articles; and shall supply the requisitions of the Superintendent of Nurses approved by the Resident Physician, and perform such other duties as he may require. She shall also have charge of the General Library, and shall annually report to the Library Committee its condition, the number of volumes received, and if any have been lost or injured, the names and titles thereof.

CHAPTER IX.

OFFICERS OF THE ASYLUM.

ARTICLE 1. The Assistant Physicians shall reside in the house, and devote themselves to the care of the patients, under direction of the Superintendent.

ART. 2. The House Pupils shall reside in the house, and serve under similar rules to those governing the House Pupils of the Hospital, and perform all duties which the Superintendent or the Trustees may require.

ART. 3. The Apothecary shall reside in the house. He shall make such purchases as the Superintendent may direct; take care of drugs, medicines, and instruments, and make up the prescriptions of the Superintendent and Assistant Physicians.

Art. 4. The Superintendent of Nurses shall have direction, under the Superintendent of the Asylum, of the nurses and attendants, with special reference to the treatment and comfort of patients. She shall also perform the general duties of a matron in housekeeping and the oversight of female servants.

Art. 5. The two Supervisors, one for each wing of the Asylum, shall act as head attendants, with the immediate supervision of attendants and servants in their respective departments.

CHAPTER X.

PATIENTS.

Article 1. Applications for admission of patients to the Hospital will be received between the hours of 9 and 11 A. M., and 3 and 4 P. M., except on Sundays, and at other times in urgent cases. Out-Patients will be received between 9 and 10 A. M., except on Sundays. Applications from the country must be made to the Resident Physician by the attending physician of the patient.

Art. 2. Patients with contagious diseases or syphilis, and incurable patients, are not entitled to admission.

Art. 3. The services of the Physicians and Surgeons are gratuitous. It must be an acknowledged condition on the part of every patient accepting the same, that no payment shall be made for them, and that no claim of any nature consequent upon them, from any Physician or Surgeon upon any patient, or from any patient upon any Physician or Surgeon who has attended him or her in the Hospital, can be made outside the Hospital. Patients, or their friends, who desire to express their obligations to the professional staff, can contribute to the charities of the Hospital under either of the following heads, viz.: General Fund, Convalescent Fund, Permanent Free Bed Fund, Annual Subscription to Free Bed Fund, Surgical Instrument Fund, and Library Fund.

ART. 4. The regular charges to paying patients are as follows: in the Jackson Ward, fifty dollars a week; in the Townsend and Bigelow Wards, twenty-five dollars a week; in the General Wards, ten dollars a week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

ART. 5. Paying patients may be required to give an obligation, with surety, for the payment of Hospital charges, or such security in money as the Resident Physician may deem sufficient. If a corporate town in this Commonwealth is principal, the obligation may be signed by any overseer of the poor of said town, who shall file with the obligation a certified copy of a vote of said town or overseers authorizing him to execute the same.

ART. 6. Patients unable to pay may be placed upon free beds, the number of which shall be fixed by the Trustees at the beginning of each quarter.

A subscriber of one hundred dollars may nominate a patient to a free bed for a year, and a subscriber of one thousand dollars to a free bed for life, subject to the approval of the Trustees.

ART. 7. The Visiting Committee, on the recommendation of the Visiting Physicians and Surgeons, may continue the time of patients for two weeks, or place them temporarily on free beds, subject to the action of the Trustees at their next meeting. No free patient shall be continued more than three months without special permission of the Trustees.

ART. 8. None who are able to pay for professional advice shall be received as out-patients. Such as are received shall pay only for medicines or supplies furnished at the Hospital, and these may be furnished gratuitously at the discretion of the Resident Physician.

ART. 9. All patients must comply with the rules of the Trustees and the directions of the Resident Physician, or those acting under him.

ART. 10. No visitors shall be admitted to the Hospital without a permit from the President, Vice-President, Treasurer, Secretary, one of the Trustees, a Physician or Surgeon of the Hospital, or the sanction of the Resident Physician. Except on Sundays, they may be admitted from 11½ to 12½ o'clock to the wards, or to the private rooms at any hour allowed by the Resident Physician. In all cases the Resident Physician has discretionary powers as to admitting or excluding visitors.

Art. 11. Applications for the admission of patients to the Asylum may be made at the Asylum, or to either member of the Committee on admitting Asylum patients. In all cases, a certificate that the patient whose admittance is requested is insane, together with the statement prescribed by law, shall be required.

Art. 12. No inebriates shall be admitted as patients, except by express order of the Trustees.

Art. 13. Paying patients, or their friends, shall give bonds acceptable to the Committee on admitting Asylum patients, for the payment of all Asylum charges. Instead of bonds, such a sum of money as shall be approved by the Committee may be deposited. If a corporate town in this Commonwealth is principal, the obligation may be signed by any overseer of the poor of said town, who shall file with the obligation a certified copy of a vote of said town or overseers authorizing him to execute the same.

Art. 14. Patients unable to pay may be admitted by special vote of the Trustees.

Art. 15. No patient believed to be suicidal shall ever be left without an attendant, if any means of self-destruction are at hand; and at no time, except during the night watch, shall any ward be without an attendant actually present. A night supervisor shall pass through each ward every hour during the night, from 10 P. M. to 6 A. M., and a watcher shall be constantly present wherever needed.

Art. 16. Visitors to the Asylum may be admitted on Wednesday and Saturday afternoons. In all cases the Superintendent has discretionary powers as to admitting or excluding visitors.

CHAPTER XI.

TREADWELL LIBRARY.

Article 1. The Visiting Physicians and Surgeons of the Hospital, and such other persons as they by joint vote may authorize, are empowered to use the Treadwell Library of the Hospital, subject to the following conditions:

1. That they give a bond to the Trustees, in the sum of one hundred dollars each, for the faithful performance of the several requisitions contained in the will of Dr. Treadwell respecting the Library.

2. That they appoint a Guardian, to have the special custody of the Library, make rules for its use and safe keeping, and submit the same to the Trustees for their approval.

3. That they cause the Library to be examined, and, at the first quarterly meeting in January, annually, report in writing to the Trustees its condition, the number of volumes on hand, the number of volumes lost, injured, or missing, and the number of volumes added or procured in place of those which have been lost.

CHAPTER XII.

WARREN PRIZE.

Article 1. The accumulated interest of the fund provided for this purpose shall be appropriated every third year for a prize, to be called the Warren Prize, in memory of the late Dr. John C. Warren. This prize shall be awarded by the Physicians and Surgeons of the Hospital to the best dissertation considered worthy on some subject in Physiology, Surgery, or Pathological Anatomy. Whenever no dissertation is offered, or none is thought worthy of a prize, the interest shall be added to the original fund.

Art. 2. The Resident Physician shall give suitable notice, through the Medical Journals, of the subject selected by the Physicians and Surgeons, and of the time when the dissertations should be presented.

SIXTY-EIGHTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

1881

Printed at the Expense of the Bowditch History Fund

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1881.

THE Committee of the Trustees appointed to prepare the Annual Report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other officials have been referred, respectfully submit the

SIXTY-EIGHTH ANNUAL REPORT.

Early in the year, Mr. Francis H. Peabody resigned the office of Treasurer, which he had held for four years, leaving the Corporation under a heavy obligation to him for able and successful service. Mr. David R. Whitney was elected Treasurer in his place.

At the close of the year, the long connection with the Board of Trustees of Mr. Charles H. Dalton terminates by his declining a re-election. Mr. Dalton became a Trustee of the Hospital in 1866; and to him, in great measure, are due many important improvements in the buildings, as well as the purchase of the large tract of land in Belmont, already utilized by the erection of the Convalescent Cottage, and to which, at no distant day, it is hoped that the Asylum may be removed. His faithful and highly efficient service has been fully appreciated and cordially acknowledged by his associates.

In the last weeks of the year died the aged and honored Dr. Edward Reynolds, a member of the Board of Consultation since 1839, and Dr. Thomas B. Curtis, one of the surgeons to out-patients, who, although still a young man, had already achieved eminence by his scholarly and profound mastery of his profession.

The average number of patients in the Hospital the past year was 166, a slight decrease as compared with the year before. In the Asylum, the average number has been 149 against 152 in 1880.

The Treasurer's account shows an excess of expenses over income from the funds applicable to the expenses of the Hospital of $15,021.81, in part due to the erection of a new entrance-lodge on Blossom Street, which has proved an important aid in the orderly administration of the Hospital, and in part to costly repairs not yet completed at the Asylum.

The Trustees gratefully acknowledge the following

Donations and Legacies.

Bequest of Miss Jane Welles, ...	$5,000.00
Bequest of John C. Gray, ...	25,000.00
Bequest of E. R. Mudge, ...	1,000.00
Bequest of T. D. Quincy, ...	1,000.00
Donation of a grateful patient to Surgical Instrument Fund, ...	100.00
Donation of Sir Moses Montefiore, ...	5.97
From subscribers to Convalescent Home Fund, . .	70,850.83
From subscribers to free beds, ...	10,950.00
	113906.80

It is earnestly hoped that the number of subscribers to free beds may be increased. Death every year makes many vacancies among the older subscribers; and the increased demands of a larger community make it necessary not only to repair these losses, but to add constantly to our resources.

It is a pleasure to report that the whole sum of $100,000, which the public were invited to contribute for the building and maintenance of the Convalescent Cottage at Belmont, has been subscribed; and, with the exception of a small amount, is already in the hands of the Treasurer. A substantial, well-arranged, and picturesque building has been erected, and will be ready for occupancy in the spring. It is believed that this will furnish an important addition to the curative resources of the Hospital. It is estimated that the total cost of preparing the grounds and erecting the cottage will fall within $35,000, leaving the remainder of the amount subscribed to constitute a fund for maintenance as originally intended. But this fund will need considerable increase in order to meet from its income the necessary expenses of the House. The Trustees hope that this will be remembered as one of the wants of the Hospital for a generous community to supply.

The Trustees are firm in the belief that the Asylum should be removed as soon as may be to its new site on the Belmont estate.

It is true that the buildings of the Asylum were justly considered at the time of their erection admirably adapted to their use. It is true that, by the removal of window bars, and by the introduction of female attendants in the gentlemen's wards, much has been done to ameliorate the somewhat gloomy aspect of the place. But it is not less true that the buildings are not well adapted to a proper classification of cases, or to that cheerful and homelike arrangement so conducive to content, if not to cure. To attain these ends, it would be necessary radically to reconstruct the principal building of the Asylum at a heavy cost. This might perhaps be the policy of the Trustees, were they not convinced that the site had ceased to be the best one for the institution. The discordant noises from the encircling railways and neighboring factories are a source of positive suffering to nerves rendered acutely sensitive by disease; and the variety of drives, one of the pleasantest breaks in the monotonous lives of the patients, is far more restricted than would be the case in the country. Except in certain easily distinguished cases of acute mania or delusion, the proportion of positive cures is, and will probably continue to be, distressingly small; but no effort should be spared to make calm and content take the place of excitement and complaining. The fund for the removal of the Asylum now amounts to $131,123.58, and the Trustees hope that the slow process of accretion will be hastened by generous donations and bequests.

It is not impossible that the estate and buildings at Somerville may in the future be found capable of adaptation to other uses. The Trustees believe that, among its many charities, Boston has not yet made sufficient provision for incurables, a class certainly not the least deserving of pity and aid. While suffering from accident or acute disease, the poorest patient can command in our hospitals the best skill which the city affords; but, when his ailment is such that science is impotent to cure it, he is sent back to his home to drag out long years of suffering and possible neglect, which might be made almost painless by healthful surroundings and intelligent care. The Trustees feel it to be their duty to announce that they will receive donations or legacies to be applied, whenever the amount shall be sufficient, in establishing a department for incurables.

Visitors to the Hospital must often be struck by the air of cheerfulness diffused throughout a ward by the presence of children. The interest and sympathy which they excite among the adult patients; their own buoyant spirits, if suffering is even for a moment allayed; and the power they exert in banishing from their fellow-sufferers that listlessness and depression which are often the worst foes to recovery,—constitute sufficient reasons why they should always be welcome as among the best of curative influences. They become the petted and indulged favorites of the ward; and the kindly attention they receive reacts upon their own condition, and encourages their recovery. It is hoped that the Hospital may always be allowed to do its share in alleviating the sufferings of little children.

The Trustees have continued their efforts to restrict the service in the Out-Patient Department to the class of suffering poor whom the Hospital was founded to relieve. The practice of exacting a nominal fee from all applicants save the very poor was discontinued early in the year, as it was found not to accomplish the good it was intended to effect, and to be productive of positive ill results. In April, an experienced person was appointed to examine all applicants, in order to ascertain whether their circumstances entitled them to the benefits of a gratuitous charity. The results of his investigations will be found embodied in the report of the Resident Physician. It will be seen that, of 1,250 cases visited at the addresses given, 545 were pronounced undeserving of charitable aid. It is no doubt true that, to a large number of these, the term impostor would be a harsh and unjust one to apply. It may well be feared that the past practice of the Hospital and of similar institutions has tended to disseminate the belief that, whatever the means of the sufferer, sickness entitles him to free advice and treatment. The managers of such institutions in this country and in Europe are now fully awakened to the dangerous influence of such a belief in its tendency to impair the spirit of providence and self-dependence so essential to good citizenship. The aim of such an investigation of cases as that now in force in our Out-Patient Department should be rather to prevent than to detect improper applications for treatment. It is probable that the result will be to diminish in some degree the number of those annually treated, but it is well to remember that to judge of the success of an institution by the number of its patients is to apply the easiest but not the most adequate test. The Trustees feel it to be their duty to check so far as they may the further spread of a tendency which they believe already to have assumed the proportions of a great evil.

ROGER WOLCOTT, } *Committee.*
EDMUND DWIGHT, }

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL.

To the Board of Trustees:

Gentlemen,— In accordance with the Fifth Article of the By-Laws the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1881, is respectfully submitted, to be laid before the Corporation at its annual meeting.

Dr. D. R. WHITNEY, *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

Jan. 1, 1881.		
To Cash on hand,—balance from last year, . . .		$1,377.03
" " from Mass. Hospital Life Ins. Co.'s Policies, paid, ...		83,000.00
" " " Mortgages, paid, ...		196,000.00
" " " Railroad bonds, called, ...		3,000.00
" " " Subscriptions for Convalescent Home, ...		70,850.83
" " " Donations, ...		105.97
" " " Legacies, ...		32,000.00
" " " One-third profits Mass. Hospital Life Ins. Co., ...		25,000.00
" " " Income from investments applicable to Distributive Income, ...	$94,199.47	
" " " Income from investments applicable to other purposes, ...	2.78	
		94,202.25
" " " Paying Patients at the Asylum, . .		114,247.17
" " " Paying Patients at the Hospital, .		14,134.97
" " " Subscribers for Free Beds for 1881,		10,950.00
" " " Subscribers for Free Beds for 1882, in advance, ...		3,900.00
		$648,768.22

By Cash paid Kidder, Peabody & Co., balance due them Dec. 31, 1880, ...	$56,161.27
" " " Taxes and betterment on land in Chicago, . .	2,323.69
" " " Taxes on land in Waltham, ...	104.24
" " " Taxes on land in Belmont, ...	496.37
" " " Insurance, ...	551.58
" " " Annuitants, ...	1,813.23
" " " For printing Annual Report of 1880, ...	238.60
" " " For gas works at Asylum, ...	348.08
" " " On account of Convalescent Home buildings,	17,072.24
" " " For land on Cross Street, ...	1,819.14
" " " For investments, ...	229,847.75
" " " J. H. Whittemore, Resident Physician, balance in account, ...	941.15
" " " E. Cowles, Supt., balance in account, ...	258.99
" " " Expenses at Hospital, ...	102,153.80
" " " Expenses at Asylum, ...	134,561.14
" Balance, cash on hand, Dec. 31, 1881, ...	100,076.95
	$648,768.22

Massachusetts General Hospital, Boston, Dec. 31, 1881.

E. & O. Ex. D. R. WHITNEY, *Treasurer.*

The expense of carrying on the business of the corporation for the year 1881 has been $237,370.12, namely: —

On account of Hospital Department,	$102,403.65
On account of McLean Asylum,	134,966.47
	$237,370.12

This expense has been met from: —

Amount charged to patients,	$128,382.14
Income from various funds applicable,	93,966.17
Deficit drawn from the General Fund,	15,021.81
	$237,370.12

Of the deficit drawn from the General Fund, $6,280.16 has been on account of the Hospital Department, and $8,741.65 has been on account of the McLean Asylum Department, as per Tables 1 and 2.

TABLE No. 1.

EXPENSES AND RECEIPTS OF THE HOSPITAL DEPARTMENT.

Disbursements for the year 1881: —

Expenses at Hospital (see Table 3),	$102,153.80	
Insurance,	11.25	
Publishing Trustees' Report,	238.60	
		$102,403.65

Receipts.

Income from Redman Fund (see Table 5),	$30,151.26	
" " Free Bed Funds (see Table 5),	29,142.01	
" " Treadwell Library Fund (see Table 5),	331.25	
" " Wooden Leg Fund, in part (see Table 8),	225.00	
" " Bowditch History Fund, in part (see Table 9),	238.60	
" " Funds with income unrestricted (see Table 5),	2,650.00	
" " General Fund (see Table 5),	8,300.40	
Free Bed Subscriptions (see Table 6),	10,950.00	
Amount charged to Patients,	14,134.97	
Deficit from General Fund,	6,280.16	
		$102,403.65

TABLE No. 2.

EXPENSES AND RECEIPTS AT THE McLEAN ASYLUM.

Disbursements for year 1881: —

Expenses at Asylum (see Table 4),	$134,561.14	
Insurance,	405.33	
		$134,966.47

Receipts.

Income from Fund for Beneficiaries (see Table 5)	$4,951.05	
Income from Fund for Female Beneficiaries (see Table 5),	5,631.25	
Income from Amusement Fund (see Table 5),	662.50	
Unused balance of Cabot Fund,	732.85	
Amount charged to Patients,	114,247.17	
Deficit from General Fund,	8,741.65	
		$134,966.47

TABLE No. 3.

EXPENSES OF THE HOSPITAL DEPARTMENT.

For Stores,	$34,239.74	
Gas and Oil,	2,175.05	
Water,	1,547.29	
Wages,	23,621.79	
Medicine,	2,909.56	
Furniture,	6,617.81	
Surgical Instruments,	867.02	
Stationery,	984.32	
Wines and Liquors,	2,004.87	
Library,	225.51	
Salaries,	4,664.98	
One-half General Expenses,	1,137.43	
Fuel,	7,664.34	
Wooden Legs,	225.00	
Contingencies,	767.17	
New Lodge and Repairs,	11,802.92	
Ice,	699.00	
		$102,153.80

These expenditures have been for account of: —

Library,	$225.51
Wooden Legs,	225.00
1,678 Free Patients for 7,410 weeks,	88,241.17
428 Paying Patients for 1,196 weeks,	13,462.12
	$102,153.80

The average number of patients has been, in 1880,	170½	
The average number of patients has been, in 1881,	166	
The average cost per week has been, in 1880, 8,866 weeks,	$10.39	
The average cost per week has been, in 1881, 8,606 weeks,	11.87	
The total expenses have been, in 1880,	92,077.90	
The total expenses have been, in 1881,	102,153.80	
The amount paid for account of free patients has been,		$88,241.17
The amount received for them has been : —		
From Income Free Bed Funds,	$29,142.01	
(See Table 6.) From 93 Subscribers for this object,	10,950.00	
		40,092.01
		$48,149.16

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 4.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores,	$43,932.76	
Laundry,	8,608.81	
Fuel,	7,130.34	
Stationery,	415.82	
Medicines and Liquors,	2,284.24	
Contingencies,	1,128.27	
Furniture,	6,038.77	
Repairs,	11,617.98	
Diversions,	1,328.72	
Water and Ice,	2,347.31	
Lights,	2,771.42	
Wages,	28,202.96	
Salaries,	6,098.39	
One-half General Expenses,	1,137.43	
Library,	300.00	
Stables,	4,711.55	
Garden,	4,156.94	
New Sewer,	2,245.29	
Burial of F. James,	97.00	
Legal Services,	10.00	
Farm,	289.44	
		$134,853.44
Less Cr. Clothing,		292.30
		$134,561.14

These expenditures have been for account of: —

Patients paying cost and more, ...	$28,321.72	
" " less than cost, ...	106,239.42	
		$134,561.14

The average number of patients has been, in 1880, .	$152\frac{97}{100}$	
The average number of patients has been, in 1881, .	$149\frac{281}{365}$	
The average cost per week has been, in 1880, . . .	16.48	
The average cost per week has been, in 1881, . . .	16.92	
The total expenses have been, in 1880, ...		$131,172.69
The total expenses have been, in 1881, ...		134,561.14

The increase was in the items of repairs and cost of new sewer.

The amount expended at the Asylum for patients who have paid less than cost has been, ...		$106,239.42
The amount received has been: —		
From patients, $6{,}134\frac{2}{7}$ weeks' board, at less than cost,	$53,469.27	
Income of Funds for Beneficiaries, ...	4,951.05	
Income of Funds for Female Beneficiaries, . .	5,631.25	
Income of Amusement Fund, ...	662.50	
Unused balance of Cabot Fund, ...	732.85	
		65,446.92

The deficiency has been drawn in part from patients paying more than cost, and the remainder from the General and other Funds, . .	$40,792.50

TABLE No. 5.

INCOME FROM INVESTMENTS.

The Income from Investments has been:—

From Annuities Receivable,	$10,272.77	
City of Boston Bonds,	1,750.00	
Mass. Hospital Life Ins. Co. Stock,	8,000.00	
Railroad Bonds,	26,815.00	
Manufacturing Stocks,	3,647.00	
Bank Stocks,	1,627.93	
Real Estate, Productive,	20,505.96	
Notes Receivable,	19,246.63	
Union League Club Bonds,	501.67	
Interest,	1,832.51	
		$94,199.47

Which has been distributed as follows:—

To Redman Fund,	$30,151.26	
Warren Prize Fund,	186.25	
Bowditch History Fund,	258.02	
Wooden Leg Fund,	366.88	
Redman Annuities,	936.00	
Clara Barton Annuity,	214.72	
Surgical Instrument Fund,	146.81	
Amusement Fund,	662.50	
Free Bed Funds, { for use, $29,142.01 for Joy Annuities, 700.00 }	29,842.01	
Beneficiaries at Asylum Funds,	4,951.05	
Warren Library Fund,	80.59	
Treadwell Library Fund,	331.25	
One-half Lincoln Fund,—Female Beneficiaries,	5,631.25	
Funds with Income Unrestricted,	2,650.00	
General Fund,	8,300.40	
Convalescent Fund, Building,	796.19	
Convalescent Home Fund,	547.01	
Asylum Building Fund,	8,147.28	
		$94,199.47

The Income for 1880 was	$76,243.66
The Income for 1881 was	94,199.47

TABLE No. 6.

SUBSCRIBERS FOR FREE BEDS.

Theodore Lyman,	$100
William Amory,	100
Fitchburg Railroad Co.,	100
J. C. Gray,	100
Miss Mary Wigglesworth,	200
Miss Anne Wigglesworth,	200
Union Railway Co.,	100
Boston & Providence R.R. Co.,	100
Miss Mary Pratt,	100
George Higginson,	100
T. Jefferson Coolidge,	100
H. P. Kidder,	200
F. H. Peabody,	100
Boston & Maine Railroad Co.,	100
S. D. Warren,	100
Mrs. Gorham Brooks,	100
James L. Little,	100
Shepherd Brooks,	100
Miss C. A. Brewer,	100
W. W. Tucker,	100
J. G. Cushing,	100
Mrs. Anna C. Lodge,	100
Moses Williams,	100
J. B. Glover,	100
P. C. Brooks, Jr.,	100
J. L. Gardner, Jr.,	100
Mrs. Peter C. Brooks,	100
Miss Eunice Hooper,	100
Mass. Humane Society,	600
Mrs. E. B. Bowditch,	200
Samuel Johnson,	100
William Endicott, Jr.,	100
Mrs. Charlotte A. Johnson,	100
George A. Gardner,	100
Miss A. W. Davis,	100
Geo. W. Wales,	100
J. L. Bremer,	100
Dr. C. E. Ware,	100
George Dexter,	200
F. R. Sears,	100
Mrs. Samuel Cabot,	100
S. R. Payson,	100
Henry B. Rogers,	100
Mrs. Edward Wigglesworth,	100
Samuel Eliot,	100
C. J. Morrill,	100
Geo. D. Howe,	100
Amount carried up,	$5,700
Amount brought up,	$5,700
J. Huntington Wolcott,	100
Henry S. Shaw,	100
Amory A. Lawrence,	100
J. Amory Lowell,	100
W. O. Grover,	100
Eastern Railroad Co.,	100
Charles Merriam,	100
Martin Brimmer,	100
W. D. Pickman	100
C. H. Dalton,	100
Mrs. L. G. Wadsworth,	100
Nathaniel Thayer,	500
Henry Saltonstall,	100
H. H. Fay,	100
Otis E. Weld,	100
F. Gordon Dexter,	100
W. Powell Mason,	100
Thomas D. Quincy,	100
Greely S. Curtis,	100
R. C. Greenleaf,	100
Henry Woods,	100
J. F. Anderson,	100
Sarah S. Fay,	200
J. R. Coolidge, donation,	50
R. W. Hooper,	100
Miss Josephine May,	100
J. G. Kidder,	100
Joseph Sawyer,	100
Mrs. Ozias Goodwin,	100
Miss Eliza Goodwin,	100
Mrs. Charles Merriam,	100
Miss Madeleine C. Mixter, Miss Helen K. Mixter,	100
J. M. Sears,	100
J. T. Coolidge, Jr.,	100
J. Putnam Bradlee,	100
F. L. Higginson,	100
Pacific Mills Board of Relief,	200
J. P. Squire & Co.,	100
W. S. Adams,	100
Children of Mrs. H. Winsor, donation,	400
Mrs. James Lawrence,	100
Boston Gaslight Co.,	100
C. W. Amory,	100
Sarah B. Fay,	100
	$10,950

Total Free Bed Subscriptions (96) in 1880, ... $11,300.00

Total Free Bed Subscriptions (93) in 1881, ... 10,950.00

TABLE No. 7.

LIBRARY ACCOUNT.

Paid for Books,	$525.51
Income Treadwell Library Fund,	331.25
Deficiency from General Fund,	$194.26

TABLE No. 8.

WOODEN LEG ACCOUNT.

The amount received for this purpose has been Income of the Wooden Leg Fund,	$366.88
The amount expended for Artificial Limbs has been,	225.00
The surplus is credited to the fund,	$141.88

TABLE No. 9.

THE BOWDITCH HISTORY FUND.

Balance, December 31, 1880: —		
Principal,	$2,000.00	
Income,	1,894.42	
		$3,894.42
Amount of Income received,	$258.02	
Amount of Income expended,	238.60	
		19.42
		$3,913.84
Balance, December 31, 1881: —		
Principal,	$2,000.00	
Income,	1,913.84	
		$3,913.84

TABLE No. 10.

GENERAL FUND.

Balance, December 31, 1880,	$966,574.77	
Add one-third profits Mass. Hospital Life Ins. Co.,	25,000.00	
Add donations and legacies,	27,005.97	
		$1,018,580.74
Less balance of premiums paid for Railroad Bonds and Bank Stocks,	$9,197.75	
Taxes on land at Belmont and Waltham,	600.61	
Transfer to Fund for Beneficiaries at Asylum,	10.00	
Balance of Expenses over Income,	15,021.81	
		24,830.17
Balance, December 31, 1881,		$993,750.57

TABLE No. 11.

RESTRICTED FUNDS.

Income devoted to Free Beds: —

The Joy Fund, being a bequest from Miss Nabby Joy,	$20,000.00
Belknap Fund, being a bequest from Jeremiah Belknap, ...	10,000.00
Wm. Phillips Fund, being a bequest from Wm. Phillips, ...	5,000.00
Williams Fund, being a bequest from John D. Williams, of estate No. 17, Blackstone Street,	19,600.00
Bromfield Fund, being half of a bequest from John Bromfield, ...	20,000.00
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, ...	11,486.50
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, ...	5,000.00
Wilder Fund, being a bequest from Charles W. Wilder, ...	12,000.00
Sever Fund, being a bequest from Miss Martha Sever, ...	500.00
Thompson Fund, being a bequest from S. B. Thompson, ...	500.00
Tucker Fund, being a bequest from Miss Margaret Tucker, ...	3,312.37
Davis Fund, being a bequest from Mrs. Eleanor Davis, ...	900.00
Loring Fund, being a bequest from Abigail Loring,	5,000.00
Nichols Fund, being a bequest from B. R. Nichols,	6,000.00
Gray Fund, being a donation from John C. Gray,	1,000.00
Dowse Fund, being a bequest from Thomas Dowse,	5,000.00
Todd Fund, being a bequest from Henry Todd, .	5,000.00
J. Phillips Fund, being a bequest from Jonathan Phillips, ...	10,000.00
Greene Fund, being a bequest from Benj. D. Greene, ...	5,000.00
Percival Fund, being a bequest from John Percival,	950.00
Pickens Fund, being a bequest from John Pickens,	1,676.75
Treadwell Fund, being part of a bequest from J. G. Treadwell, ...	38,703.91
Raymond Fund, being a bequest from E. A. Raymond, ...	2,820.00
Amount carried forward, ...	$189,449.53

Amount brought forward,	$189,449.53
Harris Fund, being part of a bequest from Charles Harris,	1,000.00
Mason Fund, being a bequest from Wm. P. Mason,	9,400.00
Sawyer Fund, being part of a bequest from M. P. Sawyer,	7,000.00
J. L. Gardner Fund, being a donation from J. L. Gardner,	20,000.00
B. T. Reed Fund, being a donation from Benj. T. Reed,	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed,	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor,	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice,	5,000.00
Templeton Fund, being half of a bequest from John Templeton,	5,000.00
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers,	1,177.50
Beebe Fund, being a bequest from J. M. Beebe,	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard,	4,000.00
George Gardner Fund, being a donation from George Gardner,	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway,	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup,	1,000.00
Tufts Fund, being a bequest from Quincy Tufts,	10,000.00
Read Fund, being half of a bequest from Jas. Read,	1,000.00
Parker Fund, being a bequest from Jno. Parker, Jr.,	10,000.00
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw,	5,500.00
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers,	1,000.00
Dwight Fund, being a donation from Mrs. T. Bradford Dwight,	1,000.00
Hunnewell Fund, being a donation from H. H. Hunnewell,	10,000.00
R. M. Mason Fund, being a bequest from R. M. Mason,	5,000.00
Anna Lowell Cabot Fund, being a donation from Dr. Samuel Cabot,	1,000.00
Welles Fund, being a donation from Miss Jane Welles,	5,000.00
Amount carried forward,	$462,260.95

Amount brought forward,		$462,260.95

Income devoted to Beneficiaries at Asylum: —

The Bromfield Fund, being half of a bequest from John Bromfield,	$20,000.00	
Read Fund, being half of a bequest from Jas. Read,	1,000.00	
Appleton Fund, $10,010 being a bequest from Sam'l Appleton, $20,000 being a donation from Wm. Appleton,	30,010.00	
McGregor Fund, being half of a donation and bequest from James McGregor,	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin,	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge,	5,500.00	
Templeton Fund, being half of a bequest from John Templeton,	5,000.00	
		74,010.00

Income devoted to Female Beneficiaries at Asylum: —

The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,		85,000.00

Income unrestricted: —

The Waldo Fund, being a bequest from Daniel Waldo,		40,000.00

Income devoted to any purpose except buildings: —

The Redman Fund, being a bequest from John Redman,		455,113.34

Income devoted to a Triennial Prize: —

The Warren Prize Fund, being a bequest from Dr. J. M. Warren,		2,299.61

Income devoted to the Library: —

The Treadwell Library Fund, being part of a bequest from J. G. Treadwell,		5,000.00

Income devoted to Books for Patients: —

The Warren Library Fund, being a donation from Dr. J. C. Warren,		1,000.00

Income and Principal devoted to the publication of a History of the Hospital: —

The Bowditch History Fund, being a bequest from N. I. Bowditch,		2,000.00
Amount carried forward,		$1,126,683.90

Amount brought forward,		$1,126,683.90
Income devoted to Amusements at the Asylum: —		
The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw; $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies,		10,000.00
Income devoted to Special Surgical Instruments: —		
The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100,		1,350.00
The Wooden Leg Fund: —		
Being a bequest from N. I. Bowditch,		5,000.00
The Convalescent Home Fund,		11,709.83
The Convalescent Home Building Fund,		85,038.85
Permanent Free Beds: —		
Miss Marian Hovey,	$1,000.00	
Mrs. Fanny H. Morse,	1,000.00	
Henry S. Hovey,	1,000.00	
Edward Woodman,	1,000.00	
		4,000.00
Redman Annuities,		15,600.00
Clara Barton Annuity,		3,241.00
Asylum Building Fund,		119,547.31
Add unused income at credit of		
The Warren Prize Fund,	$698.06	
Warren Library Fund,	297.12	
Bowditch History Fund,	1,913.84	
Surgical Instrument Fund,	1,012.77	
Wooden Leg Fund,	679.69	
Convalescent Home Fund,	844.81	
Convalescent Home Fund Building,	1,014.31	
Asylum Building Fund,	11,576.27	
		18,036.87
Total of Restricted Funds,		$1,400,207.76

TRIAL BALANCE, Dec. 31, 1881.

Dr.		Cr.	Principal.	Income.
Land and Buildings for Asylum,	$320,794.75	Redman Fund,	$455,113.34	
Land and Buildings for Hospital,	485,472.73	Warren Prize Fund,	2,299.61	$698.06
Land at Belmont,	45,000.00	Bowditch History Fund,	2,000.00	1,913.84
Buildings at Belmont,—Convalescent Home,	23,346.14	Wooden Leg Fund,	5,000.00	679.69
Land at Waltham,	11,200.00	Redman Annuities,	15,600.00	
Land at Chicago,	3,330.87	Clara Barton Annuity,	3,241.00	37.49
Annuities Receivable,	160,000.00	Surgical Instrument Fund,	1,350.00	1,012.77
City of Boston Loan,	35,000.00	Amusement Fund,	10,000.00	
Insurance Stocks,	50,000.00	Free Bed Funds,	462,260.95	
Delaware Mutual Insurance Co.'s Scrip,	365.00	Warren Library Fund,	1,000.00	297.12
Railroad Bonds,	480,600.00	Beneficiaries at Asylum Funds,	74,010.00	
Union League Club Bonds,	12,000.00	Treadwell Library Fund,	5,000.00	
Manufacturing Stocks,	41,400.00	Lincoln Fund,	85,000.00	
Bank Stocks,	38,250.00	Funds with Income Unrestricted,	40,000.00	
Real Estate Productive,	352,391.64	Asylum Building Fund,	119,547.31	11,576.27
Notes Receivable,	214,600.00	Fund for Convalescents, Miss Russell,	11,709.83	844.81
Cash in Bank, at Interest,	100,076.95	Convalescent Building Fund,	85,038.85	1,014.31
Edward Cowles, Superintendent,	33,249.39	General Fund,	993,750.57	
J. H. Whittemore, Resident Physician,	1,818.35	Permanent Free Beds,	4,000.00	
Reversions (see item "Suspense" on Cr. side),	9.00	Suspense (see item "Reversions" on Dr. side),	9.00	
		Notes Payable,	11,000.00	
		Subscribers for Free Beds, 1882,	3,900.00	
				2,390,830.46
	$2,408,904.82			$2,408,904.82

Property on hand belonging to the Corporation, invested as follows:—

INVESTMENTS PRODUCING NO INCOME.

Asylum. —	Land and Buildings occupied for Asylum,	$320,794.75	
	Land in Belmont,	45,000.00	
	Buildings at Belmont,	23,346.14	
	Steward's balance, consisting of uncollected board bills,	33,249.39	
			$422,390.28
Hospital. —	Land and Buildings occupied for Hospital,	$485,472.73	
	Steward's balance,	1,818.35	
			487,291.08
Sundries. —	Land in Waltham,	$11,200.00	
	Memorandum of expectancies,	9.00	
	Land in Chicago,	3,330.87	
			14,539.87
			$924,221.23

INVESTMENTS PRODUCING INCOME.

Policies Mass. Hospital Life Insurance Co.,	$160,000.00
500 Shares Mass. Hospital Life Insurance Co.,	50,000.00
$35,000 City of Boston Bonds,	35,000.00
$21,000 Eastern Railroad Bonds @ 70,	14,700.00
$1,000 Kansas City and Cameron Railroad Bonds,	1,000.00
$5,000 Boston and Lowell Railroad 7 ℔ cent. Bonds,	5,000.00
$5,000 Boston and Albany Railroad 7 ℔ cent. Bonds,	5,000.00
$100,000 Chicago, Bur. & Quincy R.R. 7 ℔ c. Bonds,	100,000.00
$11,000 Chicago, Bur. & Quincy R.R. 5 ℔ c. Bonds @ 90,	9,900.00
$12,000 Union League Club Bonds,	12,000.00
$100,000 Atchison, Topeka & Santa Fé 7s.,	100,000.00
$100,000 Atchison, Topeka & Santa Fé 4½s.,	100,000.00
$100,000 Oregon R.R. & Navigation Co. 6s.,	100,000.00
$22,000 Bur. & Mo. River R.R. in Neb. Non-Ex. 6s.,	22,000.00
$10,000 Atchison Land Grant 7s.,	10,000.00
$10,000 Kan. City, Top. & Western R.R. 1st. M. 7s.,	10,000.00
$3,000 Old Colony Railroad 6s.,	3,000.00
14 Shares Merrimack Manufacturing Co.,	14,000.00
1 Share Appleton " "	1,000.00
9 Shares Amoskeag " "	9,000.00
9 " Amory " "	900.00
9 " Stark Mills	9,000.00
25 " Great Falls Manufacturing Co.,	2,500.00
5 " Boston " "	5,000.00
100 " National Union Bank,	10,000.00
70 " Tremont National Bank,	7,000.00
50 " Old Boston " "	2,500.00
25 " Suffolk " "	2,500.00
Amount carried forward,	$801,000.00

Amount brought forward,	$801,000.00	
100 Shares Columbian National Bank,	10,000.00	
30 “ Merchants “ “	3,000.00	
20 “ New England National Bank,	2,000.00	
5 “ Massachusetts National Bank,	1,250.00	
Land and Store, 17 Blackstone Street,	19,600.00	
“ “ “ 168 Washington Street,	45,000.00	
“ “ House, 61 Dartmouth Street,	10,000.00	
Hospital Wharf,	62,000.00	
Redman Mansion Estate, Washington Street,	106,000.00	
Land and Houses on Warrenton Street,	17,700.00	
“ “ Store, 496 Washington Street,	55,500.00	
“ “ Houses, Chambers Street,	23,900.00	
“ “ “ 42–50 Cross Street,	12,691.64	
Notes secured by Mortgage,	194,600.00	
$20,000 Note of Phila., Wilmington & Balt. R.R.,	20,000.00	
$365 Scrip Delaware Mutual Insurance Co.,	365.00	
Cash deposited in bank at interest,	100,076.95	
Investments producing Income,		$1,484,683.59
Investments producing no Income,		924,221.23
The exact foot of Trial Balance,		$2,408,904.82

D. R. WHITNEY, *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY YEARS,—1862 TO 1881.

ORDINARY EXPENSES.

Year.	Cost of Paying Patients.	Cost of Free Patients.	Other Charities.	Total Expenses of	
	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.
1862	$6,628.65	$35,072.01	$414.15	$42,114.81	$71,823.46
1863	6,151.27	40,575.14	695.30	47,421.71	69,300.63
1864	10,224.81	49,286.53	648.21	60,159.55	101,484.38
1865	23,119.62	34,131.83	717.35	57,968.80	120,885.84
1866	30,086.08	37,538.12	1,162.60	68,786.80	126,015.83
1867	26,086.67	33,758.02	1,164.53	61,009.22	133,844.14
1868	23,663.50	42,481.71	1,419.26	67,564.47	142,535.36
1869	20,128.86	40,736.44	1,373.30	62,238.60	138,132.02
1870	15,844.35	46,087.42	883.05	62,814.82	134,339.63
1871	15,266.51	47,126.12	1,133.74	63,526.37	146,191.23
1872	12,664.70	56,537.74	1,497.86	70,700.30	153,327.60
1873	16,681.66	69,109.97	2,135.29	87,926.92	165,023.79
1874	14,198.41	64,266.27	2,634.60	81,099.28	161,934.11
1875	10,677.72	71,447.23	1,761.59	83,886.54	165,660.47
1876	11,344.58	82,033.60	1,312.94	94,691.12	164,973.80
1877	10,833.10	72,678.63	279.16	83,790.89	143,148.94
1878	11,252.42	85,102.61	588.98	96,944.01	136,394.36
1879	11,564.44	77,216.88	514.25	89,295.57	117,250.02
1880	10,529.35	81,085.73	462.82	92,077.90	131,172.69
1881	13,462.12	88,241.17	450.51	102,153.80	134,561.14

Year.	Average cost per week per patient.		Cost over Board.	
	Hospital.	Asylum.	Hospital.	Asylum.
1862	$6.04	$7.27	$36,260.92	$6,640.81
1863	6.66	6.98	41,109.46	2,170.56
1864	8.38	9.76	52,445.01	4,523.85
1865	9.86	12.49	43,121.53	9,507.86
1866	13.88	12.30	53,809.36	558.19
1867	11.28	13.84	44,291.54	....
1868	12.74	16.51	52,893.02	14,642.07
1869	10.14	14.21	48,811.90	....
1870	10.05	13.83	50,811.01	....
1871	9.96	15.80	52,447.68	9,996.88
1872	10.10	16.93	59,547.91	14,917.57
1873	10.29	19.23	72,435 94	26,404.27
1874	10.13	19.59	67,548.81	2,750.66
1875	9.72	21.07	71,989.93	11,872.47
1876	9.41	19.72	82,027 86	13,019.51
1877	9.47	15.66	72,957.79	....
1878	9.87	15.55	83,516.61	....
1879	10.54	14.30	73,440.58	....
1880	10.39	16.48	79,280.61	10,078.33
1881	11.87	16.92	88,268.68	20,719.30
20 years, ...			$1,227,016.15	$147,802.33

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1881.

Number of Patients in the Hospital, January 1, 1881.

Paying,	17
Free,	157
Total,	174

Admitted from January 1, 1881, to January 1, 1882.

	Males.	*Females.*	*Total.*
Patients paying board,	279	123	402
Patients paying board part of the time,	16	10	26
Patients entirely free,	1,073	605	1,678
	1,368	738	2,106

	Medical.	*Surgical.*
Males (Boys, 121),	434	934
Females (Girls, 50),	396	342
	830	1,276

Of these, 1 paid $52.50 per week; 7 paid $50; 2 paid $40; 13 paid $35; 1 paid $31.50; 3 paid $30; 2 paid $28; 4 paid $25; 57 paid $21; 1 paid $15; 9 paid $14; 1 paid $12; 74 paid $10.50; 11 paid $10; 1 paid $9; 1 paid $8; 1 paid $7.50; 167 paid $7; 5 paid $6; 33 paid $5; 12 paid $4.50; 12 paid $4; 3 paid $3.50; 4 paid $3; 4 paid $2.

Whole number of patients treated during the year: paying, 419; paying a part of the time, 26; free, 1,835; total, 2,270.

Discharged During the Year.

	Medical.	*Surgical.*	*Male.*	*Female.*	*Total.*
Well,	422	901	888	436	1,324
Much relieved,	132	102	133	100	233
Relieved,	100	94	118	78	196
Not relieved,	47	23	38	32	70
Not treated,	42	62	53	50	103
Dead,	93	97	138	51	189
Insane and eloped,	1	9	9	1	10
	837	1,288	1,377	748	2,125

Number of Patients remaining December 31, 1881.

Males,	102
Females,	53
Total,	155
Paying,	15
Free,	140
Total,	155
Medical,	54
Surgical,	101
Total,	155

Proportion of deaths to whole number of results, 8.89 per cent.

Number of patients received on account of accidents, 391.

The greatest number of paying patients at any one time was 39; in private rooms, 8; the greatest number of free patients, 168; the greatest total, 195. The least number of paying patients at any one time was 13; in private rooms, 1; the least free, 121; the least total, 139. The proportion of ward beds occupied by free patients was 81 per cent.; by paying patients, 19 per cent.; about 2.32 per cent. of the paying patients occupied private rooms.

The average number of patients was 166: males, 108; females, 58.

The average number of paying patients was 23: Americans, 16.1; foreigners, 6.9.

The average number in private rooms was 4.85.

The average number of free patients was 143: Americans, 68; foreigners, 75.

The average time of paying patients was 2.79 weeks, and that of free patients 4.41.

Residences.

Boston,	978
Massachusetts (excepting Boston),	970
Maine,	34
New Hampshire and Vermont,	49
Rhode Island and Connecticut,	19
Other States,	38
British Provinces,	18

Birthplaces.

Boston,	138
Massachusetts (excepting Boston),	531
Maine,	120
New Hampshire,	93
Vermont,	48
Rhode Island and Connecticut,	38
New York,	35
Southern and Western States,	71
Total Americans,	1,074
British Provinces,	252
Great Britain,	111
Ireland,	501
Germany,	37
Norway and Sweden,	39
France,	10
Western Islands,	7
Belgium and Holland,	2
Italy,	5
Switzerland,	1
Other places,	67
Total foreigners,	1,032

Occupation.

Males.	*Paying.*	*Free.*	*Partial Payment.*
Mechanics,	33	87	3
Laborers,	60	563	3
Farmers,	19	29	4
Minors,	18	120	2
Seamen,	25	43	
Clerks,	22	45	1
Teamsters,	12	24	
Traders,	12	36	2
Servants,	1	41	
Lawyers,	4	1	
Clergymen,	1		
Physicians,	6	2	
Merchants,	16	6	1
Students,	8	6	
Other professions,	42	70	
	279	1,073	16

Total males, 1,368. Of these, 71 were in private rooms.

Females.	*Paying.*	*Free.*	*Partial Payment.*
Domestics,	17	270	2
Minors,	11	43	
Wives,	58	161	4
Widows,	14	25	
Seamstresses,	9	32	1
Spinsters,	9	20	
Operatives,	1	14	
Teachers,	1	3	2
Clerks,	2	6	
Nurses,	1	31	1
	123	605	10

Total females, 738. Of these, 21 were in private rooms.

Sixteen per cent. of the free patients were female domestics; thirty-three per cent. were laborers; five per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

Phthisis (Consumption),	78
Syphilis,	31
Chronic Ulcers,	35
Scrofula and Abscesses,	14
Insanity and Delirium Tremens,	12
Hip and Spine,	38
Debility and Senility,	21
Chronic Rheumatism,	38
Paralysis,	38
Epilepsy,	11
Cancer,	18
Uterine,	23
Injuries,	8
Of skin,	21
Contagious,	29
Other diseases,	265
Total,	680
Males,	391
Females,	289
Americans,	426
Foreigners,	254
Residents of Boston,	248
Residents of Massachusetts,	344
Residents of other places,	88

Out-Patients.

Number of new patients,	18,443
Men,	6,745
Women,	7,730
Children,	3,968
Americans,	10,128
Foreigners,	8,315
Residents of Boston,	12,088
Of other places,	6,355
Medical department for women,	3,462
Medical department for men and children,	3,454
Surgical department,	4,599
Ophthalmic department,	462
Dental department,	4,048
Department for diseases of the skin,	1,089
Department for diseases of the nervous system,	426
Department for diseases of the throat,	903
Total attendance,	35,136

Average daily attendance,	114
Fractures and dislocations,	344
Wounds,	277
Sprains and injuries,	896
Abscesses,	378
Ulcers,	260
Felons,	217
Tumors,	256
Diseases of hip,	64
Diseases of spine,	61
Genito-urinary,	229
Club-foot,	11
Specific,	257
Hernia,	84
Necrosis,	33
Fistula in Ano,	33
Diseases of joints,	44
Referred,	419
Miscellaneous,	736

Of the dental patients, 758 had 1,229 teeth filled, 3,246 had 4,807 teeth extracted.

Whole number of new patients in the Out-Patient Department in 1880,	20,566
Whole number of new patients in 1881,	18,443
Decrease in the number,	2,123

The new lodge at the Hospital entrance on Blossom Street, which was commenced in the early part of the year, was completed and ready for use November 1. The result of this change at the entrance to the Hospital has been most satisfactory, and added much to the quiet and order of the house, as people are now easily directed to the department they seek, and do not wander blindly over the whole institution.

Acting upon instructions received from the Board of Trustees, I employed, on the first of April, a competent and experienced man to investigate the condition of every person who applied for admission to the Out-Patient Department for treatment, and with the following results: —

Number of applications for admission,	10,612
Number admitted,	9,220
Number refused,	1,392
Number of visits of investigation,	1,250
Number found deserving of charity,	705
Number found undeserving of charity,	545
Number sent to physicians' offices,	791

The greatest consideration for all applicants has been exercised, and no one excluded who did not themselves give sufficient proof that they were not objects of charity.

The Young Men's Christian Union has given us seventy-five "Drives for Patients," taking out three hundred and seventy-one individuals. Many other friends have often and in various ways most kindly remembered us. To all of them, we are very grateful.

Respectfully submitted,

JAMES H. WHITTEMORE,
Resident Physician.

BOSTON, Jan. 1, 1882.

THE AMBULANCE

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

accompanied by a Medical Officer, will be despatched to any point north of Dover and Berkeley Streets, for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a Physician, the Police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JAMES H. WHITTEMORE,
Resident Physician,
Mass. Gen. Hospital, Blossom Street.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

Articles.	1877.			1878.			1879.			1880.			1881.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, . . lbs.	9,100	$1,927.38	.2118	7,729	$1,610.72	.2084	8,375	$1,716.87	.205	8,815	$1,692.99	.1941	8,658	$1,792.20	.207
" for Soup, . "	560	23.80	.0425	132	5.28	.04	....	....	....	....	....	....	....	....	....
" Corned, . "	5,889	479.54	.0816	4,378	324.72	.07415	123	288.61	.07	4,952	346.64	.07	5,183	367.99	.07
" Round, . . "	9,327	805.85	.0864	11,944	1,016.43	.0851	12,973	1,054.70	.0813	16,414	1,148.98	.07	19,477	1,636.06	.084
" Rump, . . "	6,882	1,163.05	.169	4,158	635.34	.1528	....	....	....	....	....	....	....	....	....
" Roasting, . "	11,584	1,274.24	.11	14,998	1,349.82	.09	14,141	1,341.98	.0949	16,439	1,643.90	.10	16,438	1,758 86	.107
Mutton, ... "	18,416	2,509.04	.13624	15,808	1,903.28	.1204	12,592	1,385.12	.11	15,522	1,876.60	.1208	21,093	2,720.99	.129
Poultry, ... "	13,509	2,475.65	.184	14,079	2,276.57	.1617	14,488	2,433.98	.168	13,682	2,123.44	.1552	13,562	2,278.41	.168
Butter, ... "	10,056	2,644.72	.263	10,156	2,500.40	.2462	10,526	2,589.39	.246	11,011	3,366.06	.3057	11,129	3,505.63	.315
Eggs, ... doz.	4,608	967.68	.21	5,495	967.12	.176	4,392	843.26	.192	4,214	866.39	.2056	4,401	1,188.27	.26
Flour, ... bbls.	40	362.48	9.062	42	323.82	7.71	37	266.80	7.40	51	440.15	8.65	49	468.73	9.565
Bread, ... lbs.	34,343	1,717.15	.05	35,800	1,790.00	.05	36,556	1,827.80	.05	40,536	2,026.80	.05	34,892	1,744.60	.05
Ice, ... tons	180⅓	627.54	3.48	238½	808.25	3.333	271¾	714.70	2.63	280¼	1,297.56	4.63	305	887.55	2.91
Sugar, ... lbs.	10,592	982.88	.0928	12,979	1,023.65	.0781	15,462	1,189.32	.769	21,005	2,003.87	.0954	20,552	1,901.06	.09
Tea, ... "	593	222.96	.376	738	254.61	.345	848	337.82	.398	1,134½	471.95	.416	555	244 22	.44
Milk, ... qts.	97,594	4,879.70	.05	107,618	5,380.90	.05	96,186	4,934 34	.0513	89,904½	4,495.22½	.05	92,350	4,617.50	.05
Potatoes, . . bush.	909	915.36	1.007	973	964.61	.77	942	1,010.76	1.073	1,039½	902.58	.868	981	1,101.66	1.125

SIXTY-FOURTH ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1881.

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

Gentlemen,— The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1881, is respectfully presented: —

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, Jan. 1, 1881, ...	67	87	154
Admissions within the year, ...	29	37	66
Whole number of *cases* within the year, ...	96	124	220
Discharged within the year, ...	33	32	65
Namely,— as Recovered, ...	6	8	14
Much improved, ...	3	3	6
Improved, ...	10	7	17
Unimproved, ...	7	7	14
Deaths, ...	7	7	14
Patients remaining Dec. 31, 1881, supported as private patients, ...	63	92	155
Number of different *persons* within the year, . .	94	121	215
" " " " admitted, ...	29	34	63
" " " " recovered, ...	5	8	13
Daily average number of patients, ...	62.84	86.93	149.77

During the year, one woman was twice, another three times, admitted. One man and one woman were each twice discharged, and one man was discharged and readmitted. There were two hundred and twenty cases treated, representing two hundred and fifteen persons.

Of the sixty-three persons admitted, forty were regarded as recent cases, and twenty-three as chronic or as incurable at the time of admission.

Forty-six persons, nineteen men and twenty-seven women, had never before been in any hospital. Of the remaining twenty cases, nine, five men and four women, were admitted for the second time; three, one man and two women, for the third time; two, one man and one woman, for the fifth time; one man for the eighth; one woman for the ninth, tenth, and eleventh times respectively; one man for the seventeenth, and one for the twentieth time. These twenty cases represent seventeen persons, as the nine second admissions represent eight persons, and the ninth, tenth, and eleventh admissions were of one and the same individual. Of these seventeen persons, eight, four men and four women, had formerly been inmates of this Asylum.

There were fifteen more admissions, seventeen more discharges, and eighteen more cases under treatment than during the year 1880; and the number present was one more at the end than the beginning of the year.

Of those discharged, eleven, seven men and four women, were transferred to other hospitals,— four men and three women to Danvers and three men and one woman to private asylums. Of the thirteen persons discharged recovered, eight had never before been inmates of any hospital, and five had been inmates of this Asylum.

Of the fourteen deaths during the year, nine were of elderly persons, from fifty-nine to eighty-three years of age. Some had been long resident in the

Asylum, and most of them died from causes other than cerebral disease. Of the more recently admitted cases of those resulting in death, only one, terminating by exhaustion from mania, gave any promise of recovery when admitted.

Nine persons were admitted and discharged recovered within the year. In general, it may be said that there were more persons admitted, and a much larger proportion of them were acute cases, than during the preceding year.

The work of renovation and repairs, for the purpose of putting all parts of the Asylum in a thoroughly comfortable condition, has been diligently carried on during the past year, notwithstanding the purpose of building a new asylum elsewhere in the near future. Not only this, but, as the work proceeds, all practicable alterations of construction, with the introduction of modern improvements for increasing the comfort and attractiveness of the wards, are being made. For example, one of the oldest of the women's wards in the Asylum, being a long and rather dark hall, with a window at one end and rooms on either side, has been changed in its whole aspect, and made cheerful and pleasant by the use of bright colors in its decoration, by plants and birds and by an alcove in place of one of the rooms on the sunny side of the house. A window as wide as the alcove, and extending from floor to ceiling, has panes of ordinary glass 17x29 inches in dimensions, and is so arranged as to be opened both at top and bottom twenty-nine inches. These open spaces are covered by outside screens of fine wire gauze, such as is customarily used in the windows of private houses, in the summer season. Some windows of other wards and rooms have, during the past two years, been protected in the same way, in place of the iron guards which have been removed. The objection to the common plan in foreign asylums, of limiting the opening of windows to five or six inches, which is inadmissible during the hot summer months in this climate, is thus overcome.

The dining-room of the reconstructed ward above described has been decorated in bright colors, and the iron guards removed from the windows, which have been fitted with large panes of glass, together with some small colored ones, giving a pleasing effect. A similar change is being made in the chambers of the ward, as to the removal of guards and use of large glass in the windows, which are here provided with concealed shutters, for use in cases requiring them, but so constructed that the windows may be left fully open and the fresh air may freely enter the rooms during the night in hot weather.

Similar alterations, introducing alcoves, changing windows, etc., are in progress in other wards, to the effect of letting in more sunlight and fresh air, and greatly increasing the cheerfulness and comfort of the house.

Some progress has been made in the direction of enlarging the freedom of patients. A door leading from the five principal wards for men has been fitted with an ordinary handle, and remains unlocked nearly all day, permitting free egress of the occupants of those wards to the large garden, which is not a secure enclosure. Two persons only have taken advantage of this opportunity to escape, and one of these returned voluntarily in a few days.

Since early in the year, the door of the Appleton ward for gentlemen has been left unlocked during the day. This building stands upon the open grounds of the Asylum; and, though its door is unlocked and some of its windows are without guards, no trouble has arisen in consequence.

As usual, during the year a number of patients have been placed on parole, with the privilege of going outside the Asylum grounds. Permission has been freely given for patients to make short visits to their friends at home, with beneficial results; and very little restriction has been placed upon their receiving the visits of their friends at the Asylum.

In regard to the attendance upon the patients, some experiments, that have been tried during the past two years, have given gratifying results. Ward-maids are now employed, after the manner of the training schools for nurses in general hospitals, in all the female wards of the house. As a consequence, the attendants, being relieved of a good deal of their former work, have more time to devote to the patients, and are made more strictly nurses and companions of the sick.

In the male wards also, some important results have been gained. On a few occasions heretofore, the wife of a supervisor has been allowed to reside here, and has had some special duty given her. A few years ago, a nurse was placed in one of the wards, where she had the care of the dining-room and some association with the patients, and the results gave some favorable indications.

During the past year, the plan of employing female nurses in the men's wards has been successfully developed and its possibilities established. The difficulties that have been supposed to exist in the way of doing all that is desirable in this direction are two-fold: — first, the possible impropriety in associating female nurses with insane men; and, second, a practical difficulty in administration, in accommodating the duties of male and female attendants, the one to the other, in a harmonious way. I found these generally regarded as controlling objections by the superintendents of some fifteen or more of the English, Scotch, and French hospitals, which I had the privilege of visiting two years ago, when I made this subject one of my special points of inquiry, having then already determined to carry out such a plan here. It was granted that it would be a good thing, but nowhere had the plan been put to a complete practical test in the general wards of an asylum. Dr. Bayley at Northampton, England, employed a few women as "bed-makers"; and Dr. Batty Tuke, at Saughton Hall in Scotland, was just then trying the experiment of employing a lady to act in a social capacity among the gentlemen in his private asylum.

My plan is to choose a matronly, ladylike, discreet, and amiable woman, and to place in her charge all the housekeeping duties of two adjoining wards. These duties include the sole and undivided control of two dining-rooms, the charge of the ordinary housekeeping, care of the wards themselves, and their appurtenances, and of the chambers, the bed-making, etc. She is assisted by one or more wardmaids, whom she directs in their work, and by the assistant male attendants. She presides at the table, and contributes to the social life of the wards as if she were *mistress* of the house. There is a head attendant, however, who is *master* of the ward, who has general control of its affairs, the immediate charge of the patients and of his assistants. The nurse takes her turn in watching the ward when other attendants are absent, and thus in many ways satisfactorily fills the place of a male attendant.

It is found that, by thus defining the duties and making the arrangement conform to that of the ordinary way of life in a private household, matters go on smoothly, with proper persons in charge.

There are now four women employed in the male wards, whose duties require their presence there at all times of the day and evening. From the experience gained here in associating nurses with insane men, I am able to say that there is no reason why this cannot be done with great benefit in all our wards, excepting one for some special cases.

The results gained are better than were expected. Not only is the more obvious advantage derived of giving the place the homelike appearance due to woman's presence, and its consequent influence upon the patients, which is directly curative in leading them to practice better self-control, but the influence upon the male attendants is equally marked as making them more considerate and gentlemanly in their deportment.

Much attention has been given to the subject of the occupation of the patients, which, for those of the class in this Asylum, is with difficulty extended beyond some form of recreation. The usual variety of entertainments, concerts, exhibitions, and dancing parties attended by both ladies and gentlemen have been given. Open air concerts were given in the evening every two weeks during the summer, in the large garden, and were greatly enjoyed by all the inmates of the Asylum. Picnic parties and boating parties to Spot Pond were of frequent occurrence during the summer. Later in the season, parties have been sent to afternoon concerts and other entertainments in Boston. The customary carriage excursions for ladies and gentlemen have been sent out twice daily in all pleasant weather, during the year; and some of the patients are accustomed to take daily drives in private conveyances furnished them.

In other ways, the gentlemen find occupation in walking, reading, playing games, and in the billiard-room and bowling alley, where some gymnastic appliances are soon to be introduced. The ladies are more readily employed in sewing, knitting, embroidery, reading, playing billiards, etc. Classes in drawing and singing have recently been formed, which are well attended, and have aroused a good deal of interest.

The introduction of medical internes, a year and a half ago, has proved a very satisfactory and valuable addition to the medical staff. Two such officers act as clinical clerks, make daily visits to the wards, and do other clinical work, such as is required in general hospitals.

To the friends of the Asylum, who have manifested their continued interest in its welfare and progress, sincere and grateful thanks are due.

Very respectfully,

EDWARD COWLES,
Superintendent.

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

Months.	Admissions.			Discharges (including Deaths).			Daily Average of Patients in the House.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
January, .	1	3	4	2	2	4	66.09	87.52	153.61
February, .	2	3	5	5	2	7	64.93	86.39	151.32
March, . .	3	2	5	1	3	4	63.19	88.81	152.00
April, . .	2	5	7	. .	1	1	65.30	87.60	152.90
May, . .	2	3	5	3	4	7	63.49	89.74	153.23
June, . .	2	4	6	4	8	12	61.30	89.03	150.33
July, . . .	1	. .	1	1	2	3	60.36	84.48	144.84
August, . .	3	3	6	4	2	6	59.26	84.87	144.13
September,	5	1	6	2	. .	2	61.23	84.47	145.70
October, .	3	2	5	1	4	5	61.89	83.56	145.45
November, .	2	6	8	2	1	3	63.73	85.70	149.43
December, .	3	5	8	8	3	11	63.39	90.93	154.32
Total *cases*,	29	37	66	33	32	65	62.84	86.93	149.77
Total *persons*,	29	34	63	32	31	63	. . . .	. . . .	. . . .

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

Number of the Admission.	Cases Admitted.			Times previously Recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	19	27	46	. .	. .	. .
Second, ...	5	4	9	1	2	3
Third, ...	1	2	3	. .	4	4
Fifth, ...	1	1	2	. .	3	3
Eighth, ...	1	. .	1	6	. .	6
Ninth, ...	. .	1	1	. .	. .	. .
Tenth, ...	. .	1	1	. .	. .	. .
Eleventh, ...	. .	1	1	. .	. .	. .
Seventeenth, ...	1	. .	1	16	. .	16
Twentieth, ...	1	. .	1	. .	. .	. .
Total of *cases*, . . .	29	37	66	23	9	32
Total of *persons*, . .	29	34	63	. .	. .	. .

These 32 recoveries represent 8 persons, 2 having recovered 2, one 3, one 6, and another 16 times.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

Ages.	At first attack of Insanity.			When admitted.		
	Males.	Females.	Total.	Males.	Females.	Total.
Fifteen years and less,	1	. .	1	1	. .	1
From 15 to 20 years,	. .	3	3	. .	1	1
" 20 to 25 "	1	5	6	1	6	7
" 25 to 30 "	3	3	6	2	2	4
" 30 to 35 "	2	2	4	2	3	5
" 35 to 40 "	5	6	11	6	6	12
" 40 to 50 "	2	5	7	2	5	7
" 50 to 60 "	3	3	6	3	4	7
" 70 to 80 "	1	. .	1	1	. .	1
" 80 to 90 "	1	. .	1	1	. .	1
Total of *persons*, .	19	27	46	19	27	46

TABLE No. 5.

RESIDENCE OF PERSONS ADMITTED.

Places.	Males.	Females.	Total.
Massachusetts: —			
Suffolk County, ...	7	13	20
Middlesex County, ...	7	9	16
Bristol County, ...	1	1	2
Norfolk County, ...	1	1	2
Worcester County, ...	. .	1	1
Essex County, ...	5	2	7
Plymouth County, ...	. .	2	2
Maine, ...	1	. .	1
New Hampshire, ...	2	1	3
Rhode Island, ...	1	. .	1
New York, ...	. .	1	1
South Carolina, ...	. .	1	1
Wisconsin, ...	1	. .	1
California, ...	. .	1	1
Nova Scotia, ...	2	. .	2
Canada, ...	1	. .	1
Peru, ...	. .	1	1
Total of *persons*, ...	29	34	63

TABLE No. 6.

CIVIL CONDITION OF PERSONS ADMITTED.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
First, . .	5	8	13	12	16	28	2	2	4
Second, . .	2	2	4	3	2	5	..	..	..
Third, . .	1	1	2	..	1	1	..	..	..
Fifth, . .	1	1	2	..	..	..	..	..	..
Eighth, . .	1	..	1	..	..	..	..	..	..
Ninth, . .	..	..	..	..	..	..	..	1	1
Seventeenth,	1	..	1	..	..	..	..	..	..
Twentieth,	1	..	1	..	..	..	..	..	..
Total *persons*,	12	12	24	15	19	34	2	3	5

TABLE No. 7.

OCCUPATIONS OF PERSONS ADMITTED.

Occupations.	Males.	Females.	Total.
Housewife, ...	..	17	17
Clerk, ...	5	..	5
Publisher, ...	1	..	1
Merchant, ...	8	..	8
Farmer, ...	2	..	2
Stenographer, ...	1	..	1
Artist, ...	..	1	1
Milliner, ...	..	1	1
Mechanic, ...	2	..	2
Machinist, ...	2	..	2
Servant, ...	..	3	3
Seamstress, ...	..	1	1
Civil Engineer, ...	1	..	1
No occupation, ...	7	11	18
Total of *persons*, ...	29	34	63

TABLE No. 8.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, .	..	..	..	2	..	2	2	..	2
Under 1 mo.,	6	5	11	..	..	..	6	5	11
Fr. 1 to 3 mo.,	3	11	14	..	..	..	3	11	14
" 3 " 6 "	3	5	8	1	1	2	4	6	10
" 6 " 12 "	2	2	4	..	1	1	2	3	5
" 1 " 2 yrs.,	2	2	4	1	2	3	3	4	7
" 2 " 5 "	2	2	4	2	3	5	4	5	9
" 5 " 10 "	..	..	..	3	..	3	3	..	3
"10 " 20 "	1	..	1	1	..	1	2	..	2
"20 " 30 "	..	..	..	..	3	3	..	3	3
Total *cases*, .	19	27	46	10	10	20	29	37	66
Total *persons*,	..	..	..	10	8	18	29	34	63
Average of known persons (in years).	1.45	.52	.98	8.9	4.7	6.8			

TABLE No. 9.

FORM OF DISEASE IN THE CASES ADMITTED.

Form of Disease.	Males.	Females.	Total.
Mania, acute, ...	9	14	23
Mania, chronic, ...	4	1	5
Mania, hysterical, ...	..	3	3
Mania, puerperal, ...	..	1	1
Mania, recurrent, ...	..	1	1
Melancholia, acute, ...	6	11	17
Melancholia, chronic, ...	1	4	5
Dementia, chronic, ...	1	1	2
General Paralysis, ...	4	1	5
Epilepsy, ...	2	..	2
Imbecility, ...	2	..	2
Total of *cases*, ...	29	37	66
Total of *persons*, ...	29	34	63

TABLE No. 10.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

Causes.	Males.	Females.	Total.
Mental.			
Overstudy,	2	1	3
Grief,	..	1	1
Anxiety,	4	4	8
Spiritualism,	..	1	1
Physical.			
Ill-health,	3	5	8
Over-work,	1	4	5
Constitutional,	2	3	5
Change of life,	..	2	2
Child-birth,	..	2	2
Blow on the head,	2	..	2
Hemiplegia,	2	..	2
Epilepsy,	1	..	1
Syphilis,	1	..	1
Sunstroke,	1	..	1
Masturbation,	1	..	1
Congenital,	3	..	3
Unknown,	6	11	17
Total of *persons,*	29	34	63

TABLE No. 11.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

	Males.	Females.	Total.
Never before in any Hospital,	19	27	46
Former inmates of this Hospital,	4	4	8
Former inmates of other Hospitals in this State: —			
Danvers,	1	..	1
South Boston,	..	1	1
Worcester,	..	1	1
Former inmates of Hospitals in other States,	1	..	1
Former inmates of this Hospital and of other Hospitals in this State: —			
Danvers,	1	..	1
South Boston,	1	..	1
Former inmates of this Hospital and of Hospitals in other States,	2	4	6
Total of *cases,*	29	37	66
Total of *persons,*	29	34	63

TABLE No. 12.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	4	4	8	1	1	2	8	4	12	6	6	12	7	5	12	26	20	46
Second, ...	..	..	..	1	..	1	2	2	4	..	1	1	..	2	2	3	5	8
Third, ...	..	2	2	..	1	1	..	..	..	1	..	1	..	..	..	1	3	4
Fourth, ...	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Fifth, ...	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Eighth, ...	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Tenth, ...	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
Eleventh, . . .	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
Sixteenth, . . .	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Seventeenth, . .	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Total of *cases*, .	6	8	14	3	3	6	10	7	17	7	7	14	7	7	14	33	32	65
Total of *persons*, .	5	8	13	3	2	5	..	..	..	..	..	..	..	..	..	32	31	63

TABLE No. 13.

CASES DISCHARGED RECOVERED.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 month	4	5	9	2	1	3	2	..	2
From 1 to 3 mo.	1	2	3	2	3	5	1	3	4
" 3 " 6 "	1	..	1	1	1	2	2	2	4
" 6 " 12 "	..	..	..	1	2	3	..	1	1
" 1 " 2 years	..	1	1	..	1	1	1	1	2
" 2 " 5 "	..	..	..	..	..	..	..	1	1
Total *cases* . .	6	8	14	6	8	14	6	8	14
Total *persons* .	5	8	13	5	8	13	5	8	13
Average of known cases (in months).	1.35	2.85	2.1	2.76	5.06	3.91	4.11	7.92	6.01

TABLE No. 14.

CASES RESULTING IN DEATH.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 month	2	1	3	1	1	2	..	..	..
From 1 to 3 mo.	..	2	2	2	..	2	1	1	2
" 3 " 6 "	2	..	2	..	1	1	..	..	..
" 6 " 12 "	1	2	3	1	2	3	2	1	3
" 1 " 2 years	1	..	1	..	1	1	1	1	2
" 2 " 5 "	..	2	2	1	1	2	..	3	3
" 5 " 10 "	..	..	..	..	1	1	..	1	1
" 20 " 25 "	1	..	1	1	..	1	1	..	1
" 25 " 30 "	..	..	..	..	..	..	1	..	1
" 30 " 35 "	..	..	..	1	..	1	1	..	1
Total	7	7	14	7	7	14	7	7	14
Average of known cases (in months).	7.39	10.93	9.16	105.86	19.21	62.53	152.50	30.14	91.32

TABLE No. 15.

CASES DISCHARGED BY RECOVERY OR DEATH.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute,	4	4	8	3	1	4
Mania, chronic,	..	..	..	2	1	3
Mania, hysterical,	..	2	2	..	..	..
Melancholia, acute,	2	2	4	..	..	..
Melancholia, chronic,	..	..	..	..	3	3
Dementia, chronic,	..	..	..	1	2	3
General Paralysis,	..	..	..	1	..	1
Total of *cases*,	6	8	14	7	7	14
Total of *persons*,	5	8	13	..	..	..

TABLE No. 16.

CAUSES OF DEATH.

Causes.	Males.	Females.	Total.
Cerebral Disease.			
General Paralysis,	1	..	1
Chronic Arachnitis,	..	1	1
Exhaustion from Mania,	2	1	3
Cerebral Hemorrhage,	1	..	1
Thoracic Disease.			
Phthisis Pulmonalis,	..	3	3
Heart Disease,	..	1	1
Pneumonia,	1	..	1
Other Causes.			
Senile Gangrene,	1	..	1
Cirrhosis of the Liver,	1	..	1
Burns (suicidal),	..	1	1
Totals,	7	7	14

TABLE No. 17.

DEATHS, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.

Number of the Admission.	Recovered.			Unimproved.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
First, . .	..	1	1	..	1	1	..	2	2
Total, . .	..	1	1	..	1	1	..	2	2

TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.

Number of the Admission.	Recovered.			Much Improved.			Improved.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Third, ...	..	1	1	..	1	1	..	..	..	..	2	2
Fourth, ...	..	1	1	..	..	..	..	..	..	..	1	1
Fifth, ...	..	..	..	..	..	..	..	1	1	..	1	1
Sixteenth, ...	1	..	1	.	..	..	..	..	..	1	..	1
Seventeenth, . . .	1	..	1	..	..	..	..	..	..	1	..	1
Total of *persons*, .	2	2	4	..	1	1	..	1	1	2	4	6

TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, ...	. .	. .	. .	. .	. .	. .
Under 1 month, . .	. .	. .	. .	1	1	2
From 1 to 3 months,	1	1	2	2	. .	2
“ 3 to 6 “ .	1	. .	1	. .	1	1
“ 6 to 12 “ .	1	1	2	1	2	3
“ 1 to 2 years, .	1	1	2	. .	1	1
“ 2 to 5 “ .	. .	3	3	1	1	2
“ 5 to 10 “ .	. .	1	1	. .	1	1
“ 20 to 30 “ .	2	. .	2	1	. .	1
“ 30 to 40 “ .	1	. .	1	1	. .	1
Total, ...	7	7	14	7	7	14
Average of known *cases* (in months).	153	29.55	91.27	105.86	19.21	62.53

TABLE No. 20.

AGES OF THOSE WHO DIED.

Ages.	At time of the first attack.			At time of Death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 20 to 25 years .	. .	1	1	. .	. .	. .
“ 25 to 30 “ .	1	2	3	1	. .	1
“ 30 to 35 “ .	.	. .	. .	. .	2	2
“ 35 to 40 “ .	2	. .	2	1	. .	1
“ 40 to 50 “ .	1	1	2	. .	1	1
“ 50 to 60 “ .	1	1	2	. .	2	2
“ 60 to 70 “ .	. .	2	2	1	2	3
“ 70 to 80 “ .	1	. .	1	2	. .	2
“ 80 to 90 “ .	1	. .	1	2	. .	2
Total, ...	7	7	14	7	7	14

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM,

FROM ITS OPENING, OCTOBER 6, 1818, TO DECEMBER 31, 1881, INCLUSIVE.

Years.	Admitted.	Discharged.	Whole No. under care.	Died.	Much improved, etc.	Recovered.	Remaining at end of year.	Average No. of Patients.
1818–25	398	344	623	29	205	110	279	. .
1826	47	46	101	5	21	20	55	. .
1827	58	56	113	5	17	34	57	. .
1828	77	65	134	5	37	23	69	. .
1829	73	77	142	9	42	26	65	. .
1830	82	78	147	10	34	34	69	. .
1831	83	84	152	8	46	30	68	. .
1832	94	98	162	10	45	43	64	. .
1833	103	100	167	8	50	42	67	. .
1834	108	95	174	7	47	41	80	. .
1835	83	84	163	11	28	45	77	. .
1836	106	112	183	10	38	64	71	. .
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	48	19	151	157
1880	51	48	202	6	30	12	154	152
1881	66	65	220	14	37	14	155	150
	6,522	6,367		936	2,672	2,759		

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR EIGHTEEN YEARS,—1864-1881.

	Applications.	Admissions.		American.		Foreign.		Not Admitted.	Discharged, cured, relieved, or improved.		Percentage of same on Admissions.		Died.			Whole number under care in the year.		Number of free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any one time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		[illegible] time in weeks Paying and Free at Hospital.		Out-Patients.
Years.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3 7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5 1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91.0	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	681	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3 4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3 9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3.1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3.3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80.80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	32	81.53	62.7	151	6	351	2284	202	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566
1881	2786	2106	66	1074	57	1032	9	680	1853	37	82.19	56	189	14	391	2270	220	1835	419	26	195	161	139	147	166	150	168	39	2 79	4.41	18443

TABLE SHOWING THE COST OF PRINCIPAL STORES AT THE McLEAN ASYLUM.

Articles.	1878.			1879.			1880.			1881.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, lbs., . . .	77,166	$8,384.25	.108	58,771$\frac{1}{2}$	$7,062.58	.12	57,462	$6,625.64	.115	56,835$\frac{1}{2}$	$6,467.14	.1137
Mutton and Lamb, lbs.	21,411	2,411.63	.112	20,266$\frac{1}{2}$	2,055.36	.101	19,794$\frac{1}{2}$	2,107.14	.106	23,583	2,308.16	.0978
Veal, lbs., . . .	7,636	1,017.22	.133	9,182$\frac{1}{2}$	1,045.09	.113	12,288	1,372.34	.111	19,707	1,846.00	.094
Poultry, lbs., . .	33,620	5,305.56	.157	25,754$\frac{3}{4}$	4,148.75	.16	23,714$\frac{1}{2}$	3,726.80	.157	20,052$\frac{3}{4}$	3,517.55	.175
Hams, etc., . . .	14,966	1,556.23	.103	7,180$\frac{1}{2}$	670.81	.093	8,932$\frac{1}{2}$	899.85	.1007	10,148$\frac{1}{4}$	1,087.55	.107
Eggs, doz., . . .	13,679	2,508.71	.183	11,270	2,242.03	.198	11,295	2,337.09	.2069	11,523	3,084.19	.269
Lard, lbs., . . .	2,256	181.61	.08	1,723	123.00	.071	1,849	159.24	.086	2,093	244.44	.1167
Flour, bbls., . .	449	3,440.50	7.662	397	2,709.85	6.825	418	3,296.63	7.886	413	3,219.16	7.794
Butter, lbs., . . .	21,240	5,390.49	.253	20,219$\frac{1}{2}$	4,873.85	.241	19,511$\frac{3}{4}$	5,405.80	.277	21,979$\frac{3}{4}$	6,163.79	.2804
Coffee, lbs., . . .	5,066	1,309.89	.258	4,934$\frac{1}{2}$	1,271.89	.257	4,124	1,212.62	.294	3,841	945.95	.246
Tea, lbs., ...	1,532	626.22	.408	1,383	450.72	.325	1,492$\frac{1}{2}$	486.41	.325	1,609	513.58	.319
Sugar, lbs., . . .	28,796	2,716.50	.094	23,759$\frac{1}{2}$	2,039.82	.085	24,330	2,290.05	.094	24,932	2,338.88	.0938
Lights, Gas, etc., feet,	2,112,100	5,695.42	2.60 ⅌ M ft.	2,072,000	5,559.83	2.60 ⅌ M ft.	. . . .	2,515.78	. . . .	. . . .	2,771.42	. . . .
Coal, tons, . . .	1,064$\frac{1020}{2000}$	5,407.81	5.08	904$\frac{1530}{2000}$	4,015.13	4.44	1,158$\frac{1620}{2000}$	5,972.06	5.15	1,099$\frac{350}{2000}$	6,635.44	6.036
Wood, cords, . .	. . . .	. . . .	. . . .	15$\frac{3}{8}$	134.53	8.75	25$\frac{1}{8}$	219.84	8.75	15	140.70	9.38
Ice, tons, ...	588$\frac{200}{2000}$	1,958.44	3.33	476$\frac{741}{2000}$	1,208.34	2.53	462$\frac{1560}{2000}$	2,069.31	4.47	366$\frac{300}{2000}$	849.88	2.33

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPT. 3, 1821, TO DEC. 31, 1881.

Year.	Total Admitted.	Free.	Paying Board all the time.	Paying part of the time.	Whole Number treated.			Discharged well.	Percentage on "Total Admitted."	Much Relieved, or Relieved in part.	Not Relieved.	Not Treated, Unfit, Dismissed, etc.	Deaths.	Percentage on "Total Admitted."	Greatest number free at one time	Greatest number paying at one time.	Greatest total.	Least total.	Average.	Accidents.	Percentage.	Average time of Paying Weeks.	Average time of Free Weeks.	Patients remaining under treatment Dec. 31.		Out-Patients treated.
					Paying Board.	Paying Board part of time.	Free.																	Paying.	Free.	
1821 to 1843	8743	390	327	34	..	..	..	3991	..	2902	913	105	624	..	..	..	123	54	..	..	..	..	..			
1843	365	183	167	15	..	..	..	136	37	115	55	17	41	11	..	..	56	33	47*	..	..	4	6			
1844	435	250	174	11	..	..	..	183	43	137	41	23	47	11	..	30	71	40	53	55	12*	3 6-7	7 1-7			
1845	453	265	176	12	..	..	..	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	..	..	..	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	..	..	..	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	..	..	328
1848	804	460	283	61	..	..	..	400	50	219	52	39	103	13	86	38	124	94	108	103	12*	3 1-7	5	..	..	378
1849	870	543	273	54	..	..	..	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	..	..	272
1850	746	427	242	77	..	..	..	363	48	200	56	49	76	10	103	33	136	83	108	98	13	2 6-7	6	..	..	294
1851	839	477	298	64	..	..	..	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	..	..	237
1852	826	472	271	83	..	..	..	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	..	..	248
1853	925	505	335	85	..	..	..	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	..	..	358
1854	922	490	321	111	..	..	..	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	..	..	477
1855	915	414	352	147	..	..	..	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	..	..	645
1856	976	545	335	96	..	..	..	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	..	..	887
1857	920	549	280	91	..	..	..	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	..	..	1574
1858	1015	718	251	46	..	..	..	514	50	229	65	50	127	13	120	31	144	91	123	186	18*	4	7*	..	..	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1199	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	5619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	50	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9.36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	840	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140		3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178		3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259		3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291		3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234		2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285		2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7.86	182	36	210	163	185	245		3.22	5.73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147		2.84	5.54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200		2.80	5.27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222		2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	151	7.16	165	35	188	156	170	351		2.58	4.53	17	157	20566
1881	2106	1678	402	26	419	26	1835	1324	62	429	70	103	189	8.96	168	39	195	139	166	391		2.79	4.41	15	140	18443
	66526							20126		14407	3492	3104	4928													254261

OFFICERS OF THE INSTITUTION.

1882.

President.

HENRY B. ROGERS.

Vice-President.

NATHANIEL THAYER.

Treasurer.

DAVID R. WHITNEY, 60 State Street.

Secretary.

THOMAS B. HALL, 75 State Street.

Trustees.

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
*CHARLES V. BEMIS, Medford, Mass.
E. FRANCIS BOWDITCH, Framingham, Mass.
EDMUND DWIGHT, 60 State Street.
*WILLIAM ENDICOTT, Jr., 10 Mt. Vernon Street.
GEORGE S. HALE, 39 Court Street.
*HENRY P. KIDDER, 40 State Street.
THORNTON K. LOTHROP, 8 Congress Street.
CHARLES J. MORRILL, 11 Arlington Street.
NATHANIEL THAYER, Jr., 21 Sears Building.
*SAMUEL D. WARREN, 67 Mt. Vernon Street.
ROGER WOLCOTT, 8 Pemberton Square.

Board of Consultation.

HENRY I. BOWDITCH, M.D.
ALGERNON COOLIDGE, M.D.
D. H. STORER, M.D.
CHARLES E. WARE, M.D.
MORRILL WYMAN, M.D.
SAMUEL CABOT, M.D.

---

* Appointed by the Governor of the Commonwealth.

OFFICERS OF THE HOSPITAL.

Resident Physician.

James H. Whittemore, M.D.

Visiting Physicians.

George C. Shattuck, M.D.
Francis Minot, M.D.
Calvin Ellis, M.D.
Samuel L. Abbot, M.D.
Benjamin S. Shaw, M.D.
George G. Tarbell, M.D.

Visiting Surgeons.

Henry J. Bigelow, M.D.
Richard M. Hodges, M.D.
Charles B. Porter, M.D.
John Collins Warren, M.D.
Henry H. A. Beach, M.D.
. . . .

Physicians to Out-Patients.

David H. Hayden, M.D.
William L. Richardson, M.D.
Edward N. Whittier, M.D.
Elbridge G. Cutler, M.D.
F. Gordon Morrill, M.D.
Frederick C. Shattuck, M.D.

Surgeons to Out-Patients.

John Homans, M.D.
Arthur T. Cabot, M.D.
. . . .

Physician to Out-Patients with diseases of the Skin.

James C. White, M.D.

Physician to Out-Patients with diseases of the Nervous System.

James J. Putnam, M.D.

Physicians to Out-Patients with diseases of the Throat.

Frederick I. Knight, M.D.
S. W. Langmaid, M.D.

Ophthalmic Surgeon to Out-Patients.

Oliver F. Wadsworth, M.D.

Dental Surgeon.

Manning K. Rand, D.M.D.

Microscopist, and Curator of the Pathological Cabinet.

Reginald H. Fitz, M.D.

Chemist.

Edward S. Wood, M.D.

Artist.

Henry P. Quincy, M.D.

Medical House Officers, 1881–1882.

Frederic W. Taylor. Hermon F. Vickery.

Surgical House Officers, 1881–1882.

John Homans, 2d. Otis K. Newell.
F. Howard Lombard. Alley T. Wakefield.

Matron.

Miss G. L. Sturtevant.

Apothecary.

John W. Pratt.

OFFICERS OF THE McLEAN ASYLUM.

Superintendent.

Edward Cowles, M.D.

1st Assistant Physician.

George T. Tuttle, M.D.

2d Assistant Physician.

Frederick M. Turnbull, M.D.

Medical Internes.

Royal Whitman. Henry F. Adams.

Apothecary.

Charles L. Curtis.

Supervisors.

Ransom Willard. Miss Lucia E. Woodward.

VISITING COMMITTEE.

February and August.
Messrs. Morrill and Endicott.

March and September.
Messrs. Dwight and Bowditch.

April and October.
Messrs. Eliot and Thayer.

May and November.
Messrs. Hale and Warren.

June and December.
Messrs. Bemis and Lothrop.

July and January.
Messrs. Kidder and Wolcott.

LADIES' VISITING COMMITTEE.

January.
Miss E. Gray.
Miss E. Cary.
Miss M. Curtis.

February.
Miss Gray.
Miss E. Goodwin.
Miss S. Loring.

March.
Miss Goodwin.
Miss L. Loring.
Miss S. Loring.
Miss H. Thayer.

April.
Miss L. Loring.
Miss Curtis.
Miss Thayer.
Miss Eliot.

May.
Miss Curtis.
Miss Eliot.

June and October.
Mrs. S. Eliot.
Miss E. T. Parkman.

November and December.
Mrs. H. W. Haynes.
Miss A. W. Morrill.

STANDING COMMITTEES.

On Admitting Asylum Patients.
Messrs. Warren and Dwight.

On Finance.
Messrs. Kidder and Morrill.

On Accounts and Expenditures.
Messrs. Wolcott and Thayer.

On Buildings and Repairs.
Messrs. Dwight, Warren, and Eliot.

On Free Beds.
Messrs. Bowditch and Endicott.

On the General Library and Warren Fund.
Messrs. Eliot and Hale.

On the Book of Donations.
Dr. Bemis.

SIXTY-NINTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

AND

McLEAN ASYLUM,

1882.

Printed at the Expense of the Bowditch History Fund.

BOSTON:
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET.
1883.

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GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET.
1883.

REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1882.

The Committee of the Trustees appointed to prepare the Annual Report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other officials have been referred, respectfully submit the

SIXTY-NINTH ANNUAL REPORT.

The average number of patients in the Hospital was one hundred and sixty-eight against one hundred and sixty-six the year before.

In the Asylum, one hundred and fifty-six against one hundred and forty-nine last year.

The Treasurer's account shows for the year ending Dec. 31, 1882, an excess of expenditure over income of $37,280.17, which has been charged to the General Fund. The average deficiency for the past two years has been $26,150.99.

On June 1st, Mr. David R. Whitney resigned the office of Treasurer during a temporary absence in Europe; and Mr. Edmund Dwight was elected in his place. It is to be hoped that Mr. Whitney will resume the position on his return.

In May, Dr. Samuel Cabot, a member of the Board of Visiting Surgeons since 1854, resigned, leaving the

Hospital indebted to him for many years of faithful and valuable service.

The Trustees gratefully acknowledge the following donations and legacies: —

Donations and Legacies.

Bequest of Miss Mary Pratt, ...	$20,000.00
Received of the executors of Eben Wright (being an assignment of their legacies by the children of T. Jefferson Coolidge, Esq., for the formation of a fund for the support of free beds, to be known as the Eben Wright Fund), ...	14,000.00
Received from a friend, to be known as the George H. Gay Fund, ...	25,000.00
Bequest of Miss Mary Wigglesworth, to be applied as the Trustees see fit, ...	5,000.00

It was voted December 15 to add the above bequest to the Asylum Building Fund.

Bequest of Edwin Fiske, ...	50.00
From subscribers to Convalescent Home Fund, . .	5,225.00
From subscribers to free beds, ...	10,265.00
	79,540.00

It is to be regretted that the subscriptions for free beds has fallen off $700. The demand for their use becomes greater every year, and it is to be hoped that the interest taken in so noble a charity may increase.

The Convalescent Home was dedicated May 5. Since that time, it has been in constant use, and has more than fulfilled the benefits that were anticipated from it.

The situation has proved to be a most admirable one in every respect, combining, as it does, not only quiet and pure air, but also great accessibility. Frequent trains to and from Boston add very much to the convenience of carrying it on. It is only two minutes' walk from the Waverly station on the Fitchburg road.

It has been used by surgical and medical cases, and both alike have derived great benefit from their sojourn there.

The Trustees decided during the past year to put up a new building to be used exclusively by the nurses. They have for a long time felt that the accommodations provided for the nurses were altogether insufficient, and not at all suitable for the class of women who are now taking up the profession. For the last five years, all our nurses have come from the Training School for Nurses; and the result has been that we are continually getting not only much better trained nurses, but also a class of women much superior in every respect to those who formerly performed the service.

Plans for the building were submitted about a year ago; and it was finally decided to erect a building 155 feet long on the line of Allen Street, at a cost of about $35,000.

It is intended that each nurse shall have a room to herself, and a large sitting-room has been placed on the lower floor. The following resolution was adopted March 31, 1882: —

> *Voted*, That in grateful recognition of the long expressed good will and generous contributions to the Hospital by Nathaniel Thayer, Esq., the new building be called the "Thayer Building." It will be ready for use by March.

The Trustees still further carefully considered the question of service in the "Out Patient Department."

On June 16, a petition was presented to the Trustees from the surgeons in the special department for out patients, complaining that the personal investigation of applicants instituted a year ago was depriving them of many interesting and instructive cases, and asking that all cases hereafter be admitted, regardless of the pecuniary circumstances of the applicant. The petition was referred to a Committee of the Trustees, who reported October 13 that, while they cannot recommend a change of the policy of questioning every applicant to determine whether their means are such as to entitle them to gratuitous treatment, yet on the other hand every effort shall be made to enlarge the usefulness of the Hospital by adding to medical knowledge as well as to the relief of suffering.

The Committee, therefore, recommended that liberal regard should be paid to the written recommendations of physicians that cases are proper ones for admission by reason of the obscurity and educational value of the disease as well as by reason of the poverty of the applicant.

A friend of the late Dr. George H. Gay has given us $25,000 as a memorial of him. After full consideration, the Trustees voted to apply the money for a building for the "Out Patient Department," believing that to be the greatest need of the Hospital.

This will supply a most pressing want, as our present accommodations have long been totally inadequate for the needs of that department; and very much of the work so faithfully and gratuitously given has been done under most inconvenient and unfavorable surroundings.

Your Trustees cannot express too strongly the hope that they will soon be able to move the Asylum from Somerville to Belmont.

This they consider their most pressing need, and it is to be hoped that this object will be especially borne in mind by the generous public.

The present quarters are probably as well adapted to the purpose as any large building of the kind well can be, and many improvements have been made in them during the past few years which have added very materially to their comfort and attractiveness;

but, according to modern requirements, they are still cramped and inconvenient, and it is impossible to separate the different stages of insanity so as to bring about the best results. A large class of our patients are most unfavorably affected by being brought in contact with those more insane than themselves, and by the feeling of restraint and confinement that is inseparably connected with a large Asylum Building. The more closely we can approach to that of a large family living in different houses, the better the result we can hope to attain.

Our purpose is to build a number of small cottages surrounding a large one that would be used for administration purposes.

Each cottage would be occupied by a family consisting of a number of patients graded according to their mental condition and their necessary attendants. A cottage would then become a community in itself, and would have its own varied interests.

Aside from all these advantages, the grounds at Belmont are beautifully wooded, and the drives in every direction are much pleasanter and more varied than those which they are now compelled to use, and the whole manner of life would be much better adapted to persons suffering from mental disease.

N. THAYER, Jr., } *Committee.*
ROGER WOLCOTT, }

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL.

TO THE BOARD OF TRUSTEES:

Gentlemen,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1882, is respectfully submitted, to be laid before the Corporation at its annual meeting.

Dr. EDMUND DWIGHT, *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

Jan. 1, 1882.	
To Balance Cash on hand,	$100,076.95
“ Railroad Bonds, called and paid,	3,000.00
“ Donations,	44,275.00
“ Legacies,	27,000.00
“ One-third Profits Mass. Hospital Life Ins. Co.,	10,000.00
“ Income from investments,	82,698.22
“ Board of paying patients at Asylum,	120,316.15
“ Board of paying patients at Hospital,	12,905.48
“ Subscribers for Free Beds ($3,900 additional received for this purpose in 1881),	6,315.00
“ Subscribers for Free Beds, for 1883 in advance,	3,050.00
“ City of Boston Bonds, due,	11,000.00
“ J. H. Whittemore, Resident Physician, balance in account,	61.90
“ Edw. Cowles, Superintendent, balance in account,	1,614.95
	$422,313.65

By Cash paid, taxes on land in Chicago,	$1,630.40
“ “ “ “ “ “ “ Waltham,	.80
“ “ “ Insurance,	248.53
“ “ “ Annuitants,	1,816.00
“ “ “ Annual Report, 1881,	237.53
“ “ “ Convalescent Building,	11,366.88
“ “ “ Improvements at Belmont,	7,780.59
“ “ “ Expenses Hospital,	108,590.43
“ “ “ Expenses Asylum,	138,488.36
“ “ “ Expenses Convalescent's Home,	8,365.94
“ “ “ Thayer Building,	25,504.61
“ “ “ Investments,	101,373.20
“ “ “ Library,	212.88
“ “ “ Wooden Legs,	350.00
“ “ “ Notes payable,	7,500.00
“ Balance Cash on hand,	8,847.50
	$422,313.65

MASSACHUSETTS GENERAL HOSPITAL, BOSTON, Dec. 31, 1882.

E. & O. EX. EDMUND DWIGHT, *Treasurer.*

The expense of carrying on the business of the Corporation for the year 1882 has been $255,693.26, namely: —

On account of Hospital Department, ...	$108,620.43
" " " McLean Asylum, ...	138,518.36
" " " Convalescent's Home, ...	8,554.47
	$255,693.26

This expense has been met from: —

Amount charged to patients, ...	$133,221.63
Income from various funds applicable, ...	85,191.46
Deficit drawn from the General Fund, ...	37,280.17
	$255,693.26

Of the deficit drawn from the General Fund, $25,208.37 has been on account of the Hospital Department, $8,906.66 has been on account of the McLean Asylum Department, and $3,165.14 has been on account of Convalescent's Home, as per Tables 1, 2, and 3.

TABLE No. 1.

EXPENSES AND RECEIPTS OF THE HOSPITAL DEPARTMENT.

Disbursements for the year 1882: —

Expenses at Hospital (see Table 4), ...	$108,590.43	
Insurance, ...	30.00	
		$108,620.43

Receipts.

Income from Redman Fund (see Table 7), ...	$25,031.23	
" " Free Bed Funds (see Table 7), . . .	26,704.35	
" " Funds with income unrestricted (see Table 7), ...	2,200.00	
" " General Fund (see Table 7), ...	6,356.00	
Free Bed Subscriptions (see Table 8), ...	10,215.00	
Amount charged to Patients, ...	12,905.48	
Deficit from General Fund, ...	25,208.37	
		$108,620.43

TABLE No. 2.

EXPENSES AND RECEIPTS AT THE McLEAN ASYLUM.

Disbursements for year 1882 : —

Expenses at Asylum (see Table 5), ...	$138,488.36	
Insurance, ...	30.00	
		$138,518.36

Receipts.

Income from Fund for Beneficiaries (see Table 7), .	$4,070.55	
Income from Fund for Female Beneficiaries (see Table 7), ...	4,675.00	
Income from Amusement Fund (see Table 7), . . .	550.00	
Amount charged to Patients, ...	120,316.15	
Deficit from General Fund, ...	8,906.66	
		$138,518 36

TABLE No. 3.

EXPENSES AND RECEIPTS AT CONVALESCENT'S HOME.

Disbursements for year 1882 : —

Expenses at Convalescent's Home (see Table 6), . . .	$8,365.94	
Insurance, ...	188.53	
		$8,554.47

Receipts.

Income from Convalescent's Home Funds, 1880, . .	$515.92	
" " " " " 1881, . .	1,343.20	
" " " " " 1882, . .	3,530.21	
Deficit from General Fund, ...	3,165.14	
		$8,554.47

TABLE No. 4.

EXPENSES OF THE HOSPITAL DEPARTMENT.

For Stores, ...	$39,979.27	
Gas and Oil, ...	2,379.44	
Water, ...	1,951.43	
Wages, ...	24,731.84	
Medicine, ...	3,742.03	
Furniture, ...	7,648.58	
Surgical Instruments, ...	1,517.64	
Stationery, ...	581.10	
Wines and Liquors, ...	1,674.86	
Salaries, ...	5,353.00	
One-half General Expenses, ...	995.71	
Fuel, ...	8,162.68	
Contingencies, ...	2,495.17	
Repairs, ...	7,377.68	
		$108,590.43

These expenditures have been for account of: —

1,725 Free Patients for 7,644 weeks,	$95,642.45	
421 Paying Patients for 1,092 weeks,	12,947.98	
	$108,590.43	
The average number of patients has been, in 1881,	166	
The average number of patients has been, in 1882,	168	
The average cost per week has been, in 1881, 8,606 weeks,	$11.87	
The average cost per week has been, in 1882, 8,736, weeks,	12.43	
The total expenses have been, in 1881,	102,153.80	
The total expenses have been, in 1882,	108,590.43	
The amount paid for account of free patients has been,		$95,642.45
The amount received for them has been: —		
From Income Free Bed Funds,	26,704.35	
(See Table 8.) From 80 Subscribers for this object,	10,215.00	
		36,919.35
		$58,723.10

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores,	$46,495.88	
Laundry,	8,620.61	
Fuel,	7,705.28	
Stationery,	337.08	
Medicines and Liquors,	2,612.79	
Contingencies,	1,381.40	
Furniture,	7,023.27	
Repairs,	10,479.90	
Diversions,	1,652.24	
Water and Ice,	3,284.30	
Lights,	3,858.49	
Wages,	28,701.53	
Salaries,	6,373.33	
One-half General Expenses,	995.68	
Library,	300.00	
Stables,	4,715.97	
Garden,	3,572.47	
New Sewer,	50.00	
Farm,	648.31	
		$138,808.53
Less Cr. Clothing,		320.17
		$138,488.36

These expenditures have been for account of: —

Patients paying cost and more,	$30,836.21	
" " less than cost,	107,652.15	
		$138,488.36
The average number of patients has been, in 1881,	$149\frac{281}{365}$	
The average number of patients has been, in 1882,	$155\frac{329}{365}$	
The average cost per week has been, in 1881,	$16.92	
The average cost per week has been, in 1882,	17.02	
The total expenses have been, in 1881,		$134,561.14
The total expenses have been, in 1882,		138,518.36
The amount expended at the Asylum for patients who have paid less than cost has been,		107,682.15
The amount received has been: —		
From patients, $6,222\frac{2}{7}$ weeks' board, at less than cost,	$56,219.31	
Income of Funds for Beneficiaries,	4,070.55	
Income of Funds for Female Beneficiaries,	4,675.00	
Income of Amusement Fund,	550.00	
		65,514.86
The deficiency has been drawn in part from patients paying more than cost, and the remainder from the General and other Funds,		$42,167.29

TABLE No. 6.

EXPENSES OF THE CONVALESCENT'S HOME.

For Stores,	$1,919.69	
Gas and oil,	19.90	
Medicine,	35.85	
Furniture,	3,920.75	
Wages,	1,417.10	
Fuel,	518.48	
Stationery,	46.05	
Surgical Instruments,	37.86	
Wines, Spirits, and Malt Liquors,	24.89	
Repairs,	242.62	
Contingencies,	182.75	
		$8,365.94
Whole number of patients admitted from April 19 to December 31, males,	62	
Whole number of patients admitted from April 19 to December 31, females,	39	
		101
Whole number discharged during same time,		86
Remaining, Jan. 1, 1883, males,	9	
" " " females,	6	
		15

TABLE No. 7.

INCOME FROM INVESTMENTS.

The Income from Investments has been:—

From Annuities Receivable,	$6,400.00	
City of Boston Bonds,	1,475.00	
Mass. Hospital Life Ins. Co. Stock,	5,000.00	
Railroad Bonds,	29,784.67	
Manufacturing Stocks,	3,719.00	
Bank Stocks,	5,135.76	
Real Estate, Productive,	16,699.71	
Notes Receivable,	13,295.81	
Union League Club Bonds,	600.00	
Interest,	539 37	
Delaware Mutual Ins. Co.'s Scrip Interest,	48.90	
		$82,698.22

Which has been distributed as follows:—

To G. H. Gay Fund,	$275.00	
Redman Fund,	25,031.23	
Warren Prize Fund,	126.48	
Bowditch History Fund,	110.00	
Wooden Leg Fund,	275.00	
Redman Annuities,	936.00	
Clara Barton Annuity,	178.25	
Surgical Instrument Fund,	74.25	
Amusement Fund,	550.00	
Free Bed Funds, for use, $26,704.35 Free Bed Funds, for Joy Annuities, 700.00	27,404.35	
Beneficiaries at Asylum Funds,	4,070.55	
Warren Library Fund,	55.00	
Treadwell Library Fund,	275.00	
One-half Lincoln Fund,—Female Beneficiaries,	4,675.00	
Funds with Income Unrestricted,	2,200.00	
General Fund,	6,356.80	
Convalescent Fund, Building,	2,855.92	
Convalescent Home Fund,	674.29	
Asylum Building Fund,	6,575.10	
		$82,698.22

The Income for 1880 was	$76,243.66
The Income for 1881 was	94,199.47
The Income for 1882 was	82,698.22

TABLE No. 8.

SUBSCRIBERS FOR FREE BEDS.

Mrs. Susan O. Brooks,	$100
D. R. Whitney, donation,	640
S. S. Langley, donation,	25
Peleg Howland, donation,	50
Alden Speare,	100
Chas. P. Curtis,	100
Sidney Bartlett,	100
Theodore Lyman,	100
William Amory,	100
Fitchburg Railroad Co.,	100
Miss Mary Wigglesworth,	200
Miss Anne Wigglesworth,	200
Union Railway Co.,	100
Boston & Providence R.R. Co.,	100
George Higginson,	100
T. Jefferson Coolidge,	100
H. P. Kidder,	200
F. H. Peabody,	100
Boston & Maine Railroad Co.,	100
S. D. Warren,	100
Shepherd Brooks,	100
Miss C. A. Brewer,	100
W. W. Tucker,	100
Mrs. J. G. Cushing,	100
Mrs. Anna C. Lodge,	100
Moses Williams,	100
J. B. Glover,	100
P. C. Brooks,	100
J. L. Gardner, Jr.,	100
Mrs. Peter C. Brooks,	100
Miss Eunice Hooper,	100
Mass. Humane Society,	600
Mrs. E. B. Bowditch,	200
Samuel Johnson,	100
William Endicott, Jr.,	100
Mrs. Charlotte A. Johnson,	100
George A. Gardner,	100
Miss A. W. Davis,	100
Geo. W. Wales,	100
Dr. C. E. Ware,	100
George Dexter,	200
Amount carried up,	$5,515
Amount brought up,	$5,515
Henry B. Rogers,	100
Mrs. Edward Wigglesworth,	100
Samuel Eliot,	100
C. J. Morrill,	100
Jas. H. Howe,	100
Abbott Lawrence,	100
Jos. S. Fay,	100
Mrs. G. H. Shaw,	200
A. A. Lawrence,	100
R. C. Winthrop, Jr.,	100
Mrs. B. S. Rotch,	100
Charles Merriam,	100
C. H. Dalton,	100
Ida M. Mason,	100
Nathaniel Thayer,	500
Henry Saltonstall,	100
H. H. Fay,	100
Otis E. Weld,	100
F. Gordon Dexter,	100
W. Powell Mason,	100
Greely S. Curtis,	100
R. C. Greenleaf,	100
Henry Woods,	100
J. F. Anderson,	100
Sarah S. Fay,	200
R. W. Hooper,	100
J. G. Kidder,	100
Mrs. Ozias Goodwin,	100
Miss Eliza Goodwin,	100
Mrs. Caroline Merriam,	100
Miss Madeline C. Mixter, Miss Helen K. Mixter,	100
J. M. Sears,	200
J. T. Coolidge, Jr.,	100
Pacific Mills Board of Relief,	200
J. P. Squire & Co.,	100
W. S. Adams,	100
Mrs. James Lawrence,	100
Boston Gaslight Co.,	100
C. W. Amory,	100
	$10,215

Total Free Bed Subscriptions (93) in 1881,	10,950.00
Total Free Bed Subscriptions (80) in 1882,	10,215.00

TABLE No. 9.

LIBRARY ACCOUNT.

Paid for Books,	$212.88
Income Treadwell Library Fund,	275.00
The surplus is credited to the Fund,	$62.12

TABLE No. 10.

WOODEN LEG ACCOUNT.

The amount received for this purpose has been Income of the Wooden Leg Fund,	$275.00
The amount expended for Artificial Limbs has been,	350.00
The deficiency is charged to the accrued income of the fund,	$75.00

TABLE No. 11.

THE BOWDITCH HISTORY FUND.

Balance, December 31, 1881 : —		
Principal,	$2,000.00	
Income,	1,913.84	
		$3,913.84
Amount of Income received,	$110.00	
Amount of Income expended,	237.53	
		127.53
		$3,786.31
Balance, December 31, 1882 : —		
Principal,	$2,000.00	
Income,	1,786.31	
		$3,786.31

TABLE No. 12.

GENERAL FUND.

Balance, December 31, 1881,	$993,750.57	
Add one-third profits Mass. Hospital Life Ins. Co.,	10,000.00	
Add donations and legacies,	20,050.00	
		$1,023,800.57
Less balance of premiums paid for Railroad Bonds and Bank Stocks,	$8,123.20	
Balance of Expenses over Income,	37,280.17	
		45,403.37
Balance, December 31, 1882,		$978,397.20

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds:—

The Joy Fund, being a bequest from Miss Nabby Joy,	$20,000.00	
Belknap Fund, being a bequest from Jeremiah Belknap, ...	10,000.00	
Wm. Phillips Fund, being a bequest from Wm. Phillips, ...	5,000.00	
Williams Fund, being a bequest from John D. Williams, of estate No. 17, Blackstone Street,	19,600.00	
Bromfield Fund, being half of a bequest from John Bromfield, ...	20,000.00	
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, ...	11,486.50	
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, ...	5,000.00	
Wilder Fund, being a bequest from Charles W. Wilder, ...	12,000.00	
Sever Fund, being a bequest from Miss Martha Sever, ...	500.00	
Thompson Fund, being a bequest from S. B. Thompson, ...	500.00	
Tucker Fund, being a bequest from Miss Margaret Tucker, ...	3,312.37	
Davis Fund, being a bequest from Mrs. Eleanor Davis, ...	900.00	
Loring Fund, being a bequest from Abigail Loring,	5,000.00	
Nichols Fund, being a bequest from B. R. Nichols,	6,000.00	
Gray Fund, being a donation from John C. Gray,	1,000.00	
Dowse Fund, being a bequest from Thomas Dowse,	5,000.00	
Todd Fund, being a bequest from Henry Todd, .	5,000.00	
J. Phillips Fund, being a bequest from Jonathan Phillips, ...	10,000.00	
Greene Fund, being a bequest from Benj. D. Greene, ...	5,000.00	
Percival Fund, being a bequest from John Percival,	950.00	
Pickens Fund, being a bequest from John Pickens,	1,676.75	
Treadwell Fund, being part of a bequest from J. G. Treadwell, ...	38,703.91	
Raymond Fund, being a bequest from E. A. Raymond, ...	2,820.00	
Harris Fund, being part of a bequest from Charles Harris, ...	1,000.00	
Mason Fund, being a bequest from Wm. P. Mason,	9,400.00	
Sawyer Fund, being part of a bequest from M. P. Sawyer, ...	7,000.00	
J. L. Gardner Fund, being a donation from J. L. Gardner, ...	20,000.00	
Amount carried forward, ...		$226,849.53

Amount brought forward, ...	$226,849.53
B. T. Reed Fund, being a donation from Benj. T. Reed, ...	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed,	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor, ...	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice, ...	5,000.00
Templeton Fund, being half of a bequest from John Templeton, ...	5,000.00
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers, ...	1,177 50
Beebe Fund, being a bequest from J. M. Beebe, .	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, ...	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard, ...	4,000.00
George Gardner Fund, being a donation from George Gardner, ...	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway, .	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup, ...	1,000.00
Tufts Fund, being a bequest from Quincy Tufts, .	10,000.00
Read Fund, being half of a bequest from Jas. Read,	1,000 00
Parker Fund, being a bequest from Jno. Parker, Jr.,	10,000 00
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw, ...	5,500.00
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers, ...	1,000.00
Dwight Fund, being a donation from Mrs. T. Bradford Dwight, ...	1,000.00
Hunnewell Fund, being a donation from H. H. Hunnewell, ...	10,000.00
R. M. Mason Fund, being a bequest from R. M. Mason, ...	5,000.00
Anna Lowell Cabot Fund, being a donation from Dr. Samuel Cabot, ...	1,000.00
Welles Fund, being a donation from Miss Jane Welles, ...	5,000.00
Black Fund, being a bequest from Miss Marianna Black, ...	2,000.00
Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge,	14,000.00
Amount carried forward, ...	$478,260.95

Amount brought forward, ...	$478,260.95	

Income devoted to Beneficiaries at Asylum:—

The Bromfield Fund, being half of a bequest from John Bromfield, ...	20,000.00	
Read Fund, being half of a bequest from Jas. Read,	1,000.00	
Appleton Fund, $10,010 being a bequest from Sam'l Appleton, $20,000 being a donation from Wm. Appleton,	30,010.00	
McGregor Fund, being half of a donation and bequest from James McGregor, ...	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin, ...	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge, ...	5,500.00	
Templeton Fund, being half of a bequest from John Templeton, ...	5,000.00	
		$74,010.00

Income devoted to Female Beneficiaries at Asylum:—

The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, ...		85,000.00

Income unrestricted:—

The Waldo Fund, being a bequest from Daniel Waldo,		40,000.00

Income devoted to any purpose except buildings:—

The Redman Fund, being a bequest from John Redman,		455,113.34

Income devoted to a Triennial Prize:—

The Warren Prize Fund, being a bequest from Dr. J. M. Warren, ...		2,299.61

Income devoted to the Library:—

The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, ...		5,000.00

Income devoted to Books for Patients:—

The Warren Library Fund, being a donation from Dr. J. C. Warren, ...		1,000.00

Income and Principal devoted to the publication of a History of the Hospital:—

The Bowditch History Fund, being a bequest from N. I. Bowditch, ...		2,000.00
Amount carried forward, ...		$1,142,683.90

Amount brought forward,		$1,142,683.90
Income devoted to Amusements at the Asylum: —		
The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies,		10,000.00
Income devoted to Special Surgical Instruments: —		
The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100,		1,350.00
The Wooden Leg Fund: —		
Being a bequest from N. I. Bowditch,		5,000.00
The Convalescent's Home Fund,		12,334.83
The Convalescent's Home Building Fund,		89,638.85
Permanent Free Beds: —		
Miss Marian Hovey,	$1,000 00	
Mrs. Fanny H. Morse,	1,000.00	
Henry S. Hovey,	1,000.00	
Edward Woodman,	1,000.00	4,000.00
Redman Annuities,		15,600.00
Clara Barton Annuity,		3,241.00
Asylum Building Fund,		124,547.31
G. H. Gay Fund,		25,000.00
Add unused income at credit of		
The Warren Prize Fund,	$824.54	
Warren Library Fund,	352.12	
Bowditch History Fund,	1,786.31	
Surgical Instrument Fund,	1,087.02	
Wooden Leg Fund,	604.69	
G. H. Gay Fund,	275.00	
Treadwell Library Fund,	62.12	
Asylum Building Fund,	18,151.37	
Clara Barton Annuity,	35.74	
		23,178.91
Total of Restricted Funds,		$1,456,574.80

Dr. TRIAL BALANCE, Dec. 31, 1882. *Cr.*

Land and Buildings for Asylum,	$320,794.75	Redman Fund,	$455,113.34	
Land and Buildings for Hospital,	485,472.73	Warren Prize Fund,	2,299.61	$824.54
Thayer Building,	25,504.61	Bowditch History Fund,	2,000.00	1,786.31
Land and Improvements at Belmont,	52,780.59	Wooden Leg Fund,	5,000.00	604.69
Buildings at Belmont,—Convalescent's Home,	34,713.02	Redman Annuities,	15,600.00	
Land at Waltham,	11,200.00	Clara Barton Annuity,	3,241.00	35.74
Land at Chicago,	4,961.27	Surgical Instrument Fund,	1,350.00	1,087.02
Annuities Receivable,	160,000.00	Amusement Fund,	10,000.00	
City of Boston Loan,	24,000.00	Free Bed Funds,	478,260.95	
Insurance Stocks,	50,000.00	Warren Library Fund,	1,000.00	352.12
Delaware Mutual Insurance Co.'s Scrip,	365.00	Beneficiaries at Asylum Funds,	74,010.00	
Railroad Bonds,	487,600.00	Treadwell Library Fund,	5,000.00	62.12
Union League Club Bonds,	12,000.00	Lincoln Fund,	85,000.00	
Manufacturing Stocks,	41,400.00	Funds with Income Unrestricted,	40,000.00	
Bank Stocks,	67,500.00	Asylum Building Fund,	124,547.31	18,151.37
Real Estate Productive,	352,391.64	Fund for Convalescents, Miss Russell,	12,334.83	
Notes Receivable,	268,600.00	Convalescent's Building Fund,	89,638.85	
Cash,	8,847.50	G. H. Gay Fund,	25,000.00	275 00
Edward Cowles, Superintendent,	31,634.44	General Fund,	978,397.20	
J. H. Whittemore, Resident Physician,	1,756.45	Permanent Free Beds,	4,000.00	
Reversions (see item "Suspense" on Cr. side),	9.00	Suspense (see item "Reversions" on Dr. side),	9.00	
		Notes Payable,	3,500	
		Subscribers for Free Beds, 1883,	3,050	
				2,418,352.09
	$2,441,531.00			$2,441,531.00

Trial Balance at Close of Business, Dec. 31, 1882.

Property on hand belonging to the Corporation invested as follows:—

INVESTMENTS PRODUCING NO INCOME.

Asylum.—Land and Buildings occupied for Asylum,	$320,794.75	
Steward's balance,	31,634.44	
		$352,429.19
Hospital.—Land and Buildings occupied for Hospital,	$485,472.73	
Steward's balance,	1,756.45	
Thayer Building,	25,504.61	
		512,733.79
Convalescent's Home.—Land and Buildings occupied for Convalescent's Home,		87,493.61
Sundries.—Land in Waltham,	$11,200.00	
Land in Chicago,	4,961.27	
Memorandum of expectancies,	9.00	
		16,170.27
		$968,826.86

INVESTMENTS PRODUCING INCOME.

Policies Mass. Hospital Life Ins. Co.,	$160,000.00
500 shares Mass. Hospital Life Ins. Co.,	50,000.00
$24,000 City of Boston Bonds,	24,000.00
$21,000 Eastern Railroad Bonds @ 70,	14,700.00
$1,000 Kansas City & Cameron Railroad Bonds,	1,000.00
$5,000 Boston & Lowell Railroad 7 ℘ c. Bonds,	5,000.00
$5,000 Boston & Albany Railroad 7 ℘ c. Bonds	5,000.00
$100,000 Chicago, Bur. & Quincy R.R. 7 ℘ c. Bonds,	100,000.00
$11,000 Chicago, Bur. & Quincy R.R. 5 ℘ c. Bonds @ 90	9,900 00
$12,000 Union League Club Bonds,	12,000.00
$100,000 Atchison, Topeka & Santa Fé 7s.,	100,000.00
$100,000 Atchison, Topeka & Santa Fé 4½s.,	100,000.00
$100,000 Oregon R.R. & Navigation Co. 6s.,	100,000.00
$29,000 Bur. & Mo. River in Neb., Non-Ex. 6s.,	29,000.00
$10,000 Atchison Land Grant 7s.,	10,000.00
$10,000 Kansas City, Topeka & Western R.R. 1st M. 7s.,	10,000.00
$3,000 Old Colony Railroad 6s.,	3,000.00
14 Shares Merrimack Manufacturing Co.,	14,000.00
1 " Appleton " "	1,000.00
9 " Amory " "	900.00
9 " Amoskeag " "	9,000.00
25 " Great Falls " "	2,500.00
5 " Boston, " "	5,000.00
9 " Stark Mills,	9,000.00
100 " National Union Bank,	10,000.00
70 " Tremont National Bank,	7,000.00
50 " Old Boston " "	2,500.00
100 " Suffolk " "	10,000.00
10 " State " "	1,000.00
Amount carried forward,	$805,500.00

Amount brought forward, ...	$805,500.00	
100 Shares Columbian National Bank, ...	10,000.00	
100 “ Merchants “ “	10,000.00	
20 “ New England “ “	2,000.00	
40 “ Massachusetts “ “	10,000.00	
50 “ Eagle “ “	5,000.00	
Land and Store, 17 Blackstone Street, ...	19,600.00	
“ “ “ 168 Washington Street, ...	45,000.00	
“ “ House, 61 Dartmouth Street, ...	10,000.00	
Hospital Wharf, ...	62,000.00	
Redman Mansion Estate, Washington Street, . . .	106,000.00	
Land and Houses on Warrenton Street, ...	17,700.00	
“ “ Store, 496 Washington Street, ...	55,500.00	
“ “ Houses on Chambers Street, ...	23,900.00	
“ “ “ 42–50 Cross Street, ...	12,691.64	
Notes secured by Mortgage, ...	214,600.00	
$20,000 Notes Phila., Wilmington & Balt. R.R., . .	20,000.00	
$34,000 Notes Stark Mills, ...	34,000.00	
$365 Scrip. Delaware Mutual Insurance Co., ...	365.00	
Cash deposited in bank at interest, ...	8,847.50	
Investments producing Income, ...		$1,472,704.14
Investments producing no Income, ...		968,826.86
The exact foot of Trial Balance, ...		$2,441,531.00

EDMUND DWIGHT, *Treasurer.*

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1882.

Number of Patients in the Hospital, January 1, 1882.

Paying,	15
Free,	140
Total,	155

Admitted from January 1, 1882, to January 1, 1883.

	Males.	*Females.*	*Total.*
Patients paying board,	259	140	399
Patients paying board part of the time,	7	5	12
Patients entirely free,	1,102	634	1,736
	1,368	779	2,147

	Medical.	*Surgical.*
Males (Boys, 149),	412	956
Females (Girls, 62),	384	395
	796	1,351

Of these, 6 paid $50 per week; 18 paid $35; 2 paid $28; 4 paid $25; 59 paid $21; 1 paid $15; 2 paid $14; 5 paid $12; 117 paid $10.50; 3 paid $10; 2 paid $8; 147 paid $7; 2 paid $6; 23 paid $5; 8 paid $4; 7 paid $3; 1 paid $2.50; 3 paid $2; 1 paid $1.50.

Whole number of patients treated during the year: paying, 414; paying a part of the time, 12; free, 1,876; total, 2,302.

Discharged during the Year.

	Medical.	*Surgical.*	*Male.*	*Female.*	*Total.*
Well,	402	910	878	434	1,312
Much relieved,	140	133	166	107	273
Relieved,	88	102	115	75	190
Not relieved,	41	18	37	22	59
Not treated,	35	78	50	63	113
Dead,	87	90	126	51	177
Insane and eloped,	2	11	8	5	13
	795	1,342	1,380	757	2,137

Number of Patients remaining December 31, 1882.

Males,	93
Females,	72
Total,	165
Paying,	24
Free,	141
Total,	165
Medical,	65
Surgical,	100
Total,	165

Proportion of deaths to whole number of results, 8.28 per cent.

Number of patients received on account of accidents, 348.

The greatest number of paying patients at any one time was 35; in private rooms, 8: the greatest number of free patients, 167; the greatest total, 195. The least number of paying patients at any one time was 13; in private rooms, 1; the least free, 125; the least total, 143. The proportion of ward beds occupied by free patients was 85 per cent.; by paying patients, 15 per cent. About 2.87 per cent. of the paying patients occupied private rooms. The average number of patients was 168: males, 108; females, 60.

The average number of paying patients was 21: Americans, 15.5; foreigners, 5.5.

The average number in private rooms was 4.

The average number of free patients was 147: Americans, 72; foreigners, 75.

The average time of paying patients was 2.84 weeks; and that of free patients, 4.41.

Residences.

Boston,	951
Massachusetts (excepting Boston),	1,012
Maine,	44
New Hampshire and Vermont,	51
Rhode Island and Connecticut,	26
Other States,	47
British Provinces,	16
	2,147

Birthplaces.

Boston,	163
Massachusetts (excepting Boston),	599
Maine,	114
New Hampshire,	84
Vermont,	33
Rhode Island and Connecticut,	29
New York,	43
Southern and Western States,	62
Total Americans,	1,127
British Provinces,	219
Great Britain,	122
Ireland,	564
Germany,	36
Norway and Sweden,	26
France,	6
Western Islands,	10
Belgium and Holland,	1
Italy,	7
Switzerland,	3
Other places,	26
Total foreigners,	1,020

Occupations.

Males.	*Paying.*	*Free.*	*Partial Payment.*
Mechanics,	26	95	
Laborers,	55	613	3
Farmers,	22	35	
Minors,	17	148	
Seamen,	19	40	3
Clerks,	20	32	1
Teamsters,	5	26	
Traders,	11	17	
Servants,	1	19	
Lawyers,		2	
Clergymen,	2	1	
Physicians,	5	4	
Merchants,	22	8	
Students,	7	10	
Other professions,	47	52	
	259	1,102	7

Total males, 1,368. Of these, 61 were in private rooms.

Females.	*Paying.*	*Free.*	*Partial Payment.*
Domestics,	14	243	1
Minors,	12	57	
Wives,	85	183	2
Widows,	11	36	
Seamstresses,	1	18	
Spinsters,	11	44	1
Operatives,	1	13	
Teachers,	1	6	
Clerks,	2	8	
Nurses,	2	26	
	140	634	5

Total females, 779. Of these, 37 were in private rooms.

Fourteen per cent. of the free patients were female domestics; thirty-five per cent. were laborers; five per cent. were mechanics; and eleven per cent. were minors.

Admissions Refused.

Phthisis (Consumption),	41
Syphilis,	33
Chronic Ulcers,	26
Scrofula and Abscesses,	20
Insanity and Delirium Tremens,	16
Hip and Spine,	47
Debility and Senility,	16
Chronic Rheumatism,	22
Paralysis,	23
Epilepsy,	10
Cancer,	14
Uterine,	15
Injuries,	12
Of skin,	12
Contagious,	9
Other diseases,	124
Total,	440
Males,	273
Females,	167
Americans,	263
Foreigners,	177
Residents of Boston,	154
Residents of Massachusetts,	227
Residents of other places,	59

Out-Patients.

Number of new patients,	16,304
Men,	5,659
Women,	7,219
Children,	3,426
Americans,	8,993
Foreigners,	7,311
Residents of Boston,	10,773
Of other places,	5,531
Medical department for women,	3,047
Medical department for men and children,	2,693
Surgical department,	4,070
Ophthalmic department,	327
Dental department,	3,973
Department for diseases of the skin,	961
Department for diseases of the nervous system,	437
Department for diseases of the throat,	796
Total attendance,	33,604

Average daily attendance,	109
Fractures and dislocations,	296
Wounds,	452
Sprains and injuries,	654
Abscesses,	267
Ulcers,	198
Felons,	97
Tumors,	273
Diseases of hip,	60
Diseases of spine,	52
Genito-urinary,	259
Club-foot,	22
Specific,	140
Hernia,	77
Necrosis,	0
Fistula in Ano,	24
Diseases of joints,	197
Referred,	325
Miscellaneous,	677

Of the dental patients, 899 had 1,197 teeth filled, 3,062 had 4,849 teeth extracted.

Whole number of new patients in the Out-Patient Department in 1880,	20,566
Whole number of new patients in 1881,	18,443
Whole number of new patients in 1882,	16,304
Whole number refused admission in 1882,	1,947
Whole number of visits of investigation,	1,974
Whole number found deserving of charity,	1,080
Whole number found undeserving of charity,	894

Convalescent's Home.

The Convalescent's Home at Waverly was opened for the admission of patients on April 19, 1882, and from that time to January 1, 1883, there have been: —

	Males.	*Females.*	*Total.*
Admitted,	62	39	101
Discharged,	53	33	86
Remaining January 1, 1883,	9	6	15

The anticipated benefits of the Home have been fully realized in the case of every person admitted; and, in a very short time after admission, the beneficial effects of the change to this attractive and healthy locality become apparent, and continue through the residence there. Improved health and abundant gratitude from those sent there have been the rewards for the privileges enjoyed.

The Home has been very generously remembered by many kind friends, who have sent us a cabinet organ, framed pictures, books, magazines, illustrated papers, and money in small sums, to provide needed small articles. All of which have contributed directly to the comfort and entertainment of the patients.

The Young Men's Christian Union has given seventy-seven "Drives for Patients," taking out four hundred and six individuals. This, and the various other acts of kindness from many different sources, are highly appreciated, and aid the Hospital in its usefulness.

I am especially indebted to Dr. J. B. Swift and the resident officers for their efficient and devoted services to the Hospital during my prolonged absence last summer.

Respectfully submitted,

JAMES H. WHITTEMORE,
Resident Physician.

BOSTON, Jan. 1, 1883.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

Articles.	1877.			1878.			1879.			1880.			1881.			1882.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity	Cost.	Average.
Beef, Sirloin, lbs.	9,100	$1,927.38	.2118	7,729	$1,610.72	.2084	8,375	$1,716.87	.205	8,815	$1,692.99	.1941	8,658	$1,792.20	.207	7,856	$1,931.95	.245
" for Soup, "	560	23.80	.0425	132	5.28	.04	....	....	....	....	....	....	....	....	....			
" Corned, "	5,889	479.54	.0816	4,378	324.72	.07415	123	288.61	.07	4,952	346.64	.07	5,183	367.99	.07	6,522	673.76	.103
" Round, "	9,327	805.85	.0864	11,944	1,016.43	.0851	12,973	1,054.70	.0813	16,414	1,148.98	.07	19,477	1,636.06	.084	19,705	1,976.68	.103
" Rump, "	6,882	1,163.05	.169	4,158	635.34	.1528	....	....	....	....	....	....	....	....	....			
" Roasting, "	11,584	1,274.24	.11	14,998	1,349.82	.09	14,141	1,341.98	.0949	16,439	1,643.90	.10	16,438	1,758.86	.107	16,221	2,159.07	.133
Mutton, . . "	18,416	2,509.04	.13624	15,808	1,903.28	.1204	12,592	1,385.12	.11	15,522	1,876.60	.1208	21,093	2,720.99	.129	16,365	2,216.01	.135
Poultry, . . "	13,509	2,475.65	.184	14,079	2,276.57	.1617	14,488	2,433.98	.168	13,682	2,123.44	.1552	13,562	2,278.41	.168	12,082	2,348.41	.195
Butter, . . . "	10,056	2,644.72	.263	10,156	2,500.40	.2462	10,526	2,589.39	.246	11,011	3,366.06	.3057	11,129	3,505.63	.315	16,843	3,770.97	.221
Eggs, . . doz.	4,608	967.68	.21	5,495	967.12	.176	4,392	843.26	.192	4,214	866.39	.2056	4,401	1,188.27	.26	5,234	1,470.59	.281
Flour, . . bbls.	40	362.48	9.062	42	323.82	7.71	37	266.80	7.40	51	440.15	8.65	49	468.73	9.565	49	459.25	9.937
Bread, . . lbs.	34,343	1,717.15	.05	35,800	1,790.00	.05	36,556	1,827.80	.05	40,536	2,026.80	.05	34,892	1,744.60	.05	35,340	1,943.70	.055
Ice, . . . tons.	180⅓	627.54	3.48	238½	808.25	3.333	271¾	714.70	2.63	280¼	1,297.56	4.63	305	887.55	2.91	352¾	737.72	2.209
Sugar, . . lbs.	10,592	982.88	.0928	12,979	1,023 65	.0781	15,462	1,189.32	.769	21,005	2,003.87	.0954	20,552	1,901.06	.09	22,192	2,021.57	.091
Tea, . . . lbs.	593	222.96	.376	738	254.61	.345	848	337.82	.398	1,134½	471.95	.416	555	244.22	.44	1,114	446.85	.401
Milk, . . . qts.	97,594	4,879.70	.05	107,618	5,380.90	.05	96,186	4,934.34	.0513	89,904½	4,495.22½	.05	92,350	4,617.50	.05	95,358	5,007.70	.052
Potatoes, . bush.	909	915.36	1.007	973	964.61	.77	942	1,010.76	1.073	1,039½	902.58	.868	981	1,101.66	1.125	1,005	1,374.72	1.368

SIXTY-FIFTH ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE MCLEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1882.

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

Gentlemen,— The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1882, is respectfully presented : —

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, Jan. 1, 1882, ...	63	92	155
Admissions within the year, ...	42	40	82
Whole number of *cases* within the year, ...	105	132	237
Discharged within the year, ...	31	39	70
Namely,—as Recovered, ...	11	15	26
Much improved, ...	1	6	7
Improved, ...	7	7	14
Unimproved, ...	6	9	15
Deaths, ...	6	2	8
Patients remaining Dec. 31, 1882, supported as private patients, ...	74	93	167
Number of different *persons* within the year, . . .	105	130	235
" " " " admitted, ...	42	40	82
" " " " recovered, ...	11	15	26
Daily average number of patients, ...	66.41	89.50	155.91

During the year, no person was twice admitted. Two women were discharged, recovered, and readmitted, both returning upon voluntary requests without commitment. One of them was not insane, returning at nearly the end of the year for a brief residence as a matter of precaution on her part. Thus there were two hundred and thirty-seven cases treated, representing two hundred and thirty-five persons.

Of the eighty-two persons admitted, fifty-three were regarded as recent cases, and twenty-nine as chronic or as incurable, at the time of admission.

Sixty-two persons, twenty-eight men and thirty-four women, had never been in any hospital. Of the remaining twenty persons, ten, nine men and one woman, were admitted for the second time; six, four men and two women, for the third time; two women for the fourth time, one woman for the eleventh time, and one man for the eighteenth time. Of these twenty persons, ten, seven men and three women, had been former inmates of this asylum.

Eleven persons, four men and seven women, were admitted as voluntary patients, upon their written applications for treatment in accordance with an act of the Legislature of 1881. Three men were cases of temporary mental disturbance: two recovered, and one discharged improved, subsequently died of Bright's disease. One woman, not insane, was discharged after a few weeks' residence; and the remainder, one man and six women, remain as patients. Four of these voluntary patients had formerly been inmates of the asylum.

There were sixteen more admissions, five more discharges, and seventeen more cases under treatment than during the year 1881; and the number present was twelve more at the end than at the beginning of the year.

Of the seventy persons discharged, including deaths, eleven were transferred to other hospitals,—two men and seven women to those in this State, and one man and one woman to the New Hampshire asylum. Of the twenty-six persons discharged recovered, eighteen had never before been inmates of any hospital; and, of the remaining eight persons, seven had been in this asylum. These eight persons had previously made twenty-nine recoveries, four of which were at other hospitals.

The average duration, from the beginning of attack, of all cases recovered was 10.54 months, and the average duration of their hospital residence was 8.86 months.

The percentage of recoveries on admissions was 30.48. The number of recoveries was larger by five than in any year since 1870. Danvers Hospital, now being full, receives fewer than formerly of the acute cases from the region that naturally contributes to this asylum. Thus there is an increase of such cases here, and therefore of recoveries.

Of the eight deaths during the year, one was of an elderly person who had been many years in the asylum. Three persons died of general paralysis, one of chronic Bright's disease, and three were inmates of the asylum but a short time and gave no promise of recovery on admission.

In view of the removal to a new asylum within a few years, it is with reluctance that expenditures are recommended to be made upon the buildings now occupied. But, to keep them in a condition of proper cleanliness and comfort, certain things need to be done in the way of repairing, painting, etc.; and this work has been carried on during the past year. In the process of doing this necessary work, experiments can be made with comparatively little added expense, in alterations of construction, as of windows and of arrangements of wards and rooms, that will be of value in preparation for perfecting plans of new buildings.

In last year's report, a description was given of the alterations made in one of the oldest of the women's wards on the lower floor, by which a sunny alcove was added at its dark end, with a broad window fitted with large panes of glass, the window being arranged to open widely to admit the summer breezes, and being guarded only by fine wire gauze, such as is commonly used in private dwellings. Similar alterations are approaching completion in the two wards on the second and third floors of the same building. Each of the wards is also being divided midway of its length into two smaller ones of five rooms each by a partition with wide folding doors filled with colored glass, and thus a valuable addition is being made to the means of classifying the patients. The ventilation of all these wards, before defective, has been made satisfactory by the introduction of an ample supply of warmed air in each of the alcoves, and by large ventilating flues that have been inexpensively constructed in the corners of the wards. They are thus made to fulfil the requirements of hospital wards for the proper treatment of the sick, while they are rendered more homelike and attractive by their smaller size and by bright and cheerful decorations. These wards are thus also made to conform with the homelike aspect characteristic of the other parts of the asylum. In various places, the windows are being improved by inexpensive alterations, permitting the use of large panes of glass, and the substitution for the former guards of the slight protection, necessary when the windows are widely opened, afforded by wire netting, as before described. The appearance of the chapel has been greatly improved by such a change of the windows and the use of some colored glass.

A covered promenade, about seventy feet long by eight feet wide, recently built in one of the gardens, already proves useful in permitting the more insane female patients to take out-door exercise in winter and in stormy weather.

These things are being done for the purpose of providing good conditions for active hospital work in the treatment of the sick, in a way consistent with proper economy, by arrangements of construction that at the same time shall be homelike and agreeable to persons ill with a malady that requires long residence under treatment. A most important principle is involved in this, in regard to giving due prominence to the moral treatment of the insane and to individualizing the cases.

There has, of late, been much discussion of the question of the curability of insanity; and the results of the treatment of the insane in large and well-managed hospitals, like those in Massachusetts, are still disappointing as compared with results reported to be gained in the early days of the older and smaller hospitals. A reduction from 75 per cent. to 20 per cent. of recoveries is perhaps due to something more than the errors of the older statistics. It is probably true that the majority of the insane can be best and most practicably treated away from their homes and in hospitals, and these are not yet accomplishing what has been hoped of them in curative results. Instead, however, of treating this fact in terms of reproach, it should not be forgotten that mental disease involves the disorder of an organ of a highly complex and delicate structure, and comparisons between its diseases and those of other organs of the body should not be drawn unfairly. It has its own physiological and pathological laws; and, at the best, its diseases may have to be regarded as largely incurable. The fact that the insane are treated mostly in hospitals and become burdens upon the State gives them prominence because of their economic relations. Let us suppose that tubercular diseases are to be regarded as infectious, and that their subjects are to be put into hospitals. What public alarm would be aroused by the great number and fatality of cases of this disease, now unrealized, or by the burden of the care of its chronic forms; and how soon would it become the fashion to reproach those who treat it because of its incurability?

The insane must be cared for with due regard to public and private economy, and the system now common to all civilized countries of collecting them in large hospitals is held to be on trial. It is, at all events, imperative that no possible effort should be spared to get curative results from the treatment of the insane. Curability certainly diminishes with duration of mental disease, and its earliest stages should be most thoroughly studied and treated. The smaller hospitals are endowed with greater facilities for individualizing cases, and for treatment; and, therefore, a great responsibility lies with them for making the best use of those facilities. They should encourage the admission of acute cases, and devote their best energies to their study and care. It seems to me that in such hospitals, where the means and the opportunity are liberally given, while due regard is to be had to a proper conservatism, it is a special duty to explore new paths, if any there be, beyond the beaten ways of procedure in the management of the insane. To stand still is to fail, when progress is demanded and is possible; for even negative results are valuable. It is also a duty to report experiments for the later tests of criticism and experience, and hence this may be deemed a fitting time and place for putting on record some of the results of the study of the problems of hospital management in this asylum during the past three years.

Developing a homelike aspect of the hospital, destroying the suggestion of insanity as differing from other disease, individualizing the patients, and perfecting the conditions for moral treatment are of prime importance. The truth goes further, and includes the essential fact that we are treating sick people, and are, after all, dealing with a hospital.

One of the first considerations, therefore, was the quality of the nursing of the sick. The aim has been to introduce the best methods of the general hospitals, by promoting the growth of the spirit that prompts devotion to the sick; requiring constant personal attention to them as individuals, by companionship as well as nursing; introducing ward-maids to perform duties that distract the attention of nurses from more important ones; increasing the number of nurses on duty at night, so that most of the patients can have the doors of their rooms unlocked, and all noteworthy events can be observed and systematically reported; employing experienced night supervisors to see that all medical directions are properly carried out, and that everything is done to promote the comfort and cure of the sick; in short, by providing a service qualified for the task of treating a houseful of acute cases. This is the beginning of what it is believed can be accomplished as the result of the recent employment of a superintendent of nurses, and of a systematic course of training and instruction which is to be adopted for them. To one who has employed in hospital wards intelligent and well-trained nurses who have an interest in their work as a profession, their value in the companionship as well as the care and treatment of the insane needs no commendation.

In the direction of developing the hospital element of the work, the employment of an ample medical staff has given increased satisfaction during the past year. An assistant physician for each service, male and female, is a liberal allowance for a total of one hundred and seventy patients; but, in an asylum of this kind, much attention must, or can well be, bestowed upon individuals. The continued employment of a house-pupil for each service, to do the work of clinical clerks, as in general hospitals, is a valuable addition to the organization. It is understood that the time thus gained by the assistant physicians from clerical and other duty shall be employed in professional work. And, to facilitate this, a room has been fitted up for a laboratory and the use of the microscope; and a systematic course of study, begun a year ago, is now going on under the direction of Dr. Gannett, of Boston, who is also employed as the pathologist of the asylum.

A consideration of the moral treatment of insanity of course leads over ground that is not new, but it may be permitted to restate a few propositions. It is important, at the outset, to establish the principle which shall serve as a basis for the moral treatment of the insane person as an individual. The underlying principle in the whole matter is that the patient should be treated as a reasoning being. In other words, from the moment he enters the hospital, it should be assumed that he will understand more or less correctly all that is said or done to him. Therefore, he should be treated as if he were expected to act rationally, and led to see that, after his failure to do what is expected of him, he brings upon himself friendly advice, criticism, reproof, and, if need be, restriction. On the part of others, while the attitude toward him of physicians and nurses should be as toward a rational man, the fact of his illness and mental obscuration should be kept in view; and the conditions of his daily life should be made easy by conforming them as nearly as possible to those of his ordinary experience. His clouded and perverted understanding should be given as few unaccustomed problems for comprehension as possible in his new mode of life in the hospital.

The physiological basis of all moral treatment of the insane is the fact that the normal functions of the cerebral organ may be only temporarily disturbed or only partially impaired, whether by temporary disorder or pathological change, and the consequent fact that in most cases some degree of normal function remains. This principle cannot be better stated than by Dr. Gairdner, in his presidential address to the British Medico-Psychological Association last August. Speaking of the improved treatment of the insane, begun in the time of Pinel and Tuke, he says it has gradually come to be regarded as the truth that "the unsound mind, like the unsound body, can only be regarded as an instance of disordered function; and that, however great the disorder, the functions are still there, and may be roused into more or less healthy activity by exactly the same physiological stimuli as are available in the state of health." He would name as the most important gain of modern physiology and pathology for the healing art, the modern conception or theory of disease,— that "disease is, for the most part, normal function acting under abnormal conditions." He argues, therefore, that the insane mind is not *aliena mens*, but has like passions and emotions with the sound mind; and that the sound elements still remaining must be carefully respected, strengthened, and built up again, if possible.

All moral treatment, then, should be addressed to the purpose of calling into normal exercise the rational part of the disordered mind. The patient should be assumed to be capable of some degree of understanding of the fact that he is ill; and all the conduct of others toward him should frankly and consistently declare this, before as well as after his entering the hospital. The fact should be made as plain as possible to him that his commitment by the court is according to law, and based upon medical opinion outside of the hospital. There are few patients who cannot be beneficially impressed in this way, however much they may contest the correctness of the judgment upon them.

Once within the hospital, the conduct of physicians and nurses toward the patient should show that he is regarded as simply ill, and as having no reason for being ashamed of his illness. Therefore, he should always be called a "patient," and not a "boarder," as is the custom in some hospitals, and has been in this one from its earliest days. This latter term implies an evasion of the fact of illness, as if it were a disgrace, and by a euphemism fosters the very feeling of which we are trying to disabuse the patient. Dr. Kirkbride has pointed out the same effect as inherent in the use of the word "asylum" for "hospital."

For the same reason, the word "attendant" is unfortunate, although it is so much better than the older term, "keeper." It would be only the truth to call them "nurses." While everything should be done to make the place homelike and cheerful, with pleasant parlors, books, pictures, music, diversion, and occupation suited to the individual, the idea of the hospital is in it all, and no attempt should be made to ignore it. It should appear rather that active attention is being given to the business of curing the sick. "Attendants" may attend the infirm and incurable; but "nurses" attend the sick, and the experience of recovery from illness is so common that the very idea of the presence of a nurse logically carries with it the other idea, that something is being done to promote recovery, and that itself inspires hope and is curative. The key-note of all that is addressed to the patient on this subject should be, "You are ill, you may get well."

In practically working out the general principle that has been stated, it is believed that successful results have also been gained in two other experiments during the past three years.

One of these is the employment of female nurses in men's wards, as described in my report of last year. For the majority of insane men, this is practicable; and every day's experience with it teaches me to prize more highly its value. To put a man accustomed to the comforts, or even if no more than to the habits, of domestic life, into a restricted association with men, would be to him an experience of which he probably has had no previous conception. Such a way of living would be unnatural and unattractive to most men, and to the sick man, whose mind is already disturbed, a cause of added discomfort. In such an association of men alone, the inevitable tendency is to degenerate in manner of speech and conduct; and this is true both of the patients, and, what is very important, of the men nurses also. There is something lacking after all efforts to make the wards homelike and agreeable.

The presence of female nurses in most of the wards, and of young women as ward-maids, is as easily managed as in the wards of a general hospital. Although some of the conditions differ, there is much to prove the practicability of this in ordinary hospitals, in the successful management of all the men's wards of the Mount Hope Retreat at Baltimore, by the Sisters of Charity. The insane man coming into such a ward is restrained and softened, and practises instinctively a degree of self-control that he would not have thought of trying to exercise in the presence of men alone. His first impressions upon entering the asylum are far more agreeable than in the former case, and continue so. The special qualifications of women for the care of the wards and the sick are of great value, and the moral and curative influence of their habitual presence in our wards for men is positive, and would not be willingly given up. The good results that have followed this practice flow directly from its influence in stimulating the exercise of the remaining sound elements of the mind, and of healthy and decent habits of thought and conduct.

The other experiment, which is believed to have given some special and good results, is in regard to the freedom of communication between patients and their relatives or friends, by visiting or correspondence. It is now two and a half years since my former liberal practice grew into the adoption of the present rule for the following reasons. Few of the insane have their understandings so confused and clouded as not to leave enough of normal mental function to conceive of the reasonableness of removing a sick person to a hospital. There is often, on the part of persons so removed, a consciousness of the propriety of this action, even in those who will not confess it. Even in cases of maniacal excitement and melancholia with stupor, we may rely upon being able to instil into the mind some degree of consciousness of the true nature of the act of removal to a hospital. When, however, we come to abruptly separate the insane person from all communication with relatives and friends, we institute a condition of things which is the more difficult to understand as the patient is more insane. The patient probably knows the usual fact, that the distance is not great from home and friends. Enforced separation and interdiction of communication beget suspicion of those friends, if it has not been entertained before, or of the physicians of the hospital. It is of the first importance not to increase or arouse this suspicion, and to convince the patient of the desire to treat him with generous fairness and indulgence. Therefore, the rule is that, from the outset, the relatives or friends shall be allowed to visit the patient. Care is taken to have it understood by all concerned that the physician will see no objection to such visiting *until the patient shall give cause for it.*

This is the *rule;* but, like all rules, it has its exceptions. The patient who has an antipathy and delusion regarding relatives might not be allowed to receive visits for some time after the first one, or even the first might be denied; but it is remarkable how few patients there are who require this restriction. In this asylum, of one hundred and sixty-seven patients present, there are only three who do not receive visits from relatives quite regularly. One man with chronic mania refuses to see them because of a violent antipathy; and the relatives of two other men with mania have to refrain from visiting on their own account, but visits are made by friends. It has been observed that, if excitement attends the first visit, which should be made early, it is as a rule no greater than attended contact with friends at the home recently left; and, in fact, this visit is regarded as a necessary part of the process of accommodating the patient to the new situation, and aids it. The first visits often have a remarkable effect in disarming the patient of fast-forming suspicions as to the purposes of friends, and help to inspire him with a salutary confidence, which aids in leading him to accept sooner the rôle of an invalid. The friends, and this term is used to include relatives, learn by these visits to render valuable aid in the management of the case, and most readily accede to the proposition that they should refrain from visiting, if it has proved not to be good for the patient.

This practice stands the test of the continuance of the visits, even though, as is sometimes the case, the first ones are attended with some degree of excitement. The visits are almost invariably desired by the patient, who soon comes to understand, if need be, that they are allowed or denied according to his conduct, and thus a means is given for stimulating self-control. Sometimes, the desire to see friends can be aroused when it has been absent; and a curative result is gained by the exercise of a normal function of the mind in the gratification of the desire.

In other exceptional cases, as of acute mania, or others with mental confusion or stupor, the seeing of friends may seem to give negative results, and little notice may be taken of the visitors; but, in these conditions, it is well known that impressions may still go in upon the obscured perceptions, when no outward sign is given, and are remembered.

As far as moral treatment goes, in these cases of mental confusion as well as in others, efforts calculated to arouse into activity the normal elements of the mind are often of inestimable value, though no evidence of the good impressions thus made appears till long afterward. What more potent means of arousing healthy mental action than is found in the exercise of the natural affections and emotions, and the consciousness of the occasional presence of friends whom the patient has been accustomed to love and trust?

The fact that patients who have been studiously separated from friends for a long time may have had relapses from convalescence almost established, following wearily longed-for visits from relatives, is not a conclusive argument to prove that the visits were made too soon. It is a fair question whether the excess of emotion, naturally aroused by a meeting after long separation, may not produce in such cases a disaster which might be averted under the opposite plan of training the patient from the outset to receive calmly the visits, by the deprivation of which he has not been allowed to become distressed.

Another important consideration is that, when the relatives also are wearied by long separation, they are apt to remove too soon a half-convalescent patient, at first sight of the improved condition, whereas by the other plan they act more understandingly and with calmer judgment. As a matter of fact, it rarely happens under this practice that too early removal of convalescents is urged.

In regard to correspondence, the rule is also a most liberal one, as far as the asylum is concerned. The patient and friends are carefully informed at the outset that no writings of the former, sealed or unsealed, will be intercepted by the asylum authorities, who prefer to be relieved of that responsibility. The patient is told that whatever he writes will be sent to the persons who are to be regarded as the natural or legal guardians, or to other proper persons agreed upon. Most patients readily join in this compact, if made at the outset; and the attitude thus taken by the Superintendent increases greatly his influence over the patient in advising or checking him in regard to writing. It often happens that what one is free to do he does not care to do, or, if he becomes dissatisfied sometimes with the action of friends in arresting letters,— as of course must be done for the protection of the patient from consequences he would afterward regret,— there is, as a rule, a good reason to be given. At all events, it is found that dissatisfaction is reduced to a minimum; and it is made clear that there is no reason known, as far as the asylum is concerned, why all letters should not freely go from it. It is easy to gain through friends the valuable information concerning the state of the patient's mind afforded by his letters; and the friends, being taken into the management of the case throughout, have a better understanding of their duty to the patient when his home relations are resumed.

One more important point is that every well-behaved visitor, if it is desired, is allowed to go to the room of any patient it is proper for him to visit, with due regard to the comfort of others. The nurses are trained to expect this at any time, and it is demonstrated to all concerned that there are no dark places in the asylum to be concealed.

In thus setting forth the working of what is, theoretically and virtually, a removal of restrictions that have been regarded as peculiar to hospitals for the insane, the aim is to show that this is justifiable as the logical sequence of the carrying out of the principles recited in the beginning of this discussion. As a practical demonstration of the results of the effort being made to put this asylum on the basis of a general hospital, particularly as to its being an open and accessible institution, it is shown by this report that the twenty-six recoveries of the last year were possible under the liberal rule which permitted, from the beginning of the treatment of these cases including various types of acute mania, melancholia, etc., regular communication with relatives and friends, guarded by a careful study of its effects and its occasional limitation.

It was the influence of the growth of the principles cited that wrought the improvement in asylum management from the days of Pinel and Tuke to the present time. It is not so many years since it was believed that there was a special curative influence in entire separation of the majority of the insane from friends for long periods, and in their strict seclusion in asylums. Not only was rest in bed enforced by mechanical restraint to prevent exhaustion in maniacal cases, but many appliances were employed to keep quiet the restless sufferers from nervous irritability. It has gradually come to pass that, at the present time, large freedom is accorded to the insane; and the former practice of seclusion from friends and interdiction of communication is greatly modified, and in some instances reduced to small proportions. The practice is not uniform in this regard, however; and there is reason to believe that the views held by many alienists are but a modification of the former ones as to the curative effect of strict seclusion in hospitals, although some have gone so far in this direction as to practically abandon it.

The truth lies somewhere between the older view and a modern one, in regard to the treatment of the insane at their homes. It is believed that the line may be drawn at the point of the removal of the patient to hospital and his separation from home and the former "moral and physical surroundings," and that, beyond this point, the accepted rule of practice should be that liberal communication with friends is to be used as a therapeutic means.

Some evidence of a negative character is available in support of this proposition. It appears not only that the growing liberality of modern times in this regard is doing no harm to the insane, but that there is some special evidence to show that in the treatment of melancholia, which includes so large a class of cases, the methodical employment of seclusion and rest outside of hospitals for the insane has actually failed to be of benefit. While the older views of seclusion and rest have been undergoing modification leading to practical abandonment by some of those who have treated the insane, one of the most important contributions to the healing art in modern times is that made by Dr. Weir Mitchell in the well-known doctrine of "Rest Treatment" by means of "seclusion, rest, massage, electricity, and overfeeding," so successfully employed in the treatment of nervous exhaustion.

If, then, "seclusion" and "rest" are of such essential value in the treatment of nervous exhaustion in persons not insane, why are they not also of value in insanity, which often is simply a greater degree of the same disorder of the nervous system? The answer is, possibly, that, in the former case, the functions of the reasoning faculties are so nearly in a normal state as to permit "seclusion" to be regarded and accepted by the patient as a reasonable necessity, and the path upward toward health is from a point where the mind is not controlled by delusions or given up to despair. After the mental functions are unbalanced, we have to deal with a new set of conditions; and our efforts must be more largely addressed to the moral treatment of the disordered and weakened mind.

In experiments with the rest treatment here, during the past three years, it has been found necessary to modify it. Cases of mental depression are apt to have this increased by rest in bed; and, to those in which melancholia is accompanied by a state of nervous irritability and constant uneasiness or anguish, enforced rest is intolerable, and positively harmful. While rest is useful in some conditions of melancholia and other cases, and benefit has been derived from massage, by producing tissue waste and improving nutrition, and from the other means of treatment, "seclusion" has been almost entirely abandoned, as not useful and as depriving the patient of what is beneficial. Interesting and valuable evidence on this point is generously afforded me by Dr. Mitchell, who has given me permission to quote from a recent letter some statements which he has never published. He says that in the treatment of "not a small number of cases of melancholia, with bad nutritive break-down, in which I attempted to relieve by rest, etc., I made some successes, but more failures,—made in fact so many, that I gave up at last the effort to treat in this way distinct cases of melancholy." "I may use massage or electricity in melancholy, but I do not seclude or rest these cases."

The rest treatment has been for some years extensively and most successfully employed by Dr. W. S. Playfair, in England. He says in the London *Lancet*, December, 1881, of the cases that are likely to lead to disappointment, that one class is of those in which there is some definite mental disease, and, after a short trial in melancholia, he felt bound to relinquish the treatment.

What is true of "seclusion" in the treatment of melancholia has also been observed here to be true of other forms of insanity, and concurrent testimony is not lacking from those who treat the insane in hospitals.

While there is unquestionably a growing liberality in the matter of freedom of communication with the insane in hospitals, it is to be recognized that more will be accomplished in this direction by acting upon a correct theory and with a clear purpose. Instead of a modification of the old rule, its reversal is advocated, and the making of limitations of communication the exception to the rule.

The point now desired to be made is that there is a scientific reason for putting the insane sick person upon the same basis, both as to medical and moral treatment, as the general hospital patient; and, in regarding him simply as the subject of a disease in which normal function is acting under abnormal conditions, it is therefore good practice to unhesitatingly foster, encourage, and, if need be, stimulate the exercise of all normal mental functions, being guided by symptoms as they appear as to all modifications of the general principle in regard to change of residence, restriction of liberty and seclusion, as well as medical treatment proper.

The appointment of a Superintendent of Nurses has already been mentioned. Miss Mary F. Palmer, who was appointed to that office in November, had been twelve years at the Vermont Asylum as attendant and matron, and is a graduate of the Massachusetts General Hospital Training School for Nurses.

A good beginning has been made in collecting a library upon the special subject of nervous and mental diseases. Contributions of any works, though not recently published, on this subject,— books, pamphlets, or journals,— would be gratefully received.

The usual attention has been given to the means of occupying the patients and for their recreation and entertainment. There have been the customary concerts, exhibitions, dancing parties, daily drives, and visits to places of amusement, concerts, etc., in Boston. A rowing machine, several sets of chest weights, etc., put into the building used by the gentlemen for billiards and bowling, have been diligently used and with benefit by some who have taken interest in this form of exercise.

The continued interest in the asylum manifested by its friends, is gratefully appreciated.

Very respectfully,

EDWARD COWLES,
Superintendent.

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

Months.	Admissions.			Discharges (including Deaths).			Daily Average of Patients in the House.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
January,	3	3	6	1	..	1	62.58	92.65	155 23
February,	3	4	7	..	3	3	65.07	92.72	157.79
March,	4	4	8	3	2	5	66.58	91.48	158.06
April,	3	4	7	2	5	7	64.83	90 70	155 53
May,	6	4	10	5	1	6	64 39	90.80	155.19
June,	5	1	6	6	8	14	65.53	89.27	154 80
July,	5	2	7	3	1	4	66 09	86.97	153 06
August,	2	3	5	4	4	8	66.32	88.58	154.90
September,	..	2	2	..	5	5	65 57	85.33	150.90
October,	2	2	4	..	1	1	66.78	86.16	152.94
November,	4	5	9	3	1	4	70.63	88 20	158.83
December,	5	6	11	4	8	12	72 58	91.16	163.74
Total *persons,*	42	40	82	31	39	70	66.41	89 50	155.91

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

Number of Admissions.	Cases admitted.			Times previously recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	28	34	62	.	..	..
Second, ...	9	1	10	2	1	3
Third, ...	4	2	6	5	4	9
Fourth, ...	..	2	2	..	2	2
Eleventh, ...	..	1	1	..	1	1
Eighteenth, ...	1	..	1	17	..	17
Total of *cases*, . . .	42	40	82	24	8	32
Total of *persons*, . .	42	40	82	..	..	..

These 32 recoveries represent 11 persons, 5 having recovered 2 and one 17 times.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

Ages.	At first attack of Insanity.			When admitted.		
	Males.	Females.	Total.	Males.	Females.	Total.
Fifteen years and less,	..	1	1	..	..	..
From 15 to 20 years,	3	2	5	2	1	3
" 20 to 25 "	2	6	8	..	5	5
" 25 to 30 "	1	6	7	1	5	6
" 30 to 35 "	1	6	7	3	6	9
" 35 to 40 "	5	3	8	6	4	10
" 40 to 50 "	7	6	13	6	8	14
" 50 to 60 "	5	2	7	4	3	7
" 60 to 70 "	2	2	4	1	2	3
" 70 to 80 "	2	..	2	5	..	5
Total of *persons*, .	28	34	62	28	34	62

TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

Places of Nativity.	Males.		Females.		Total.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine, ...	3	3	5	8	8	11
New Hampshire, . .	5	5	2	1	7	6
Vermont, ...	2	2	..	..	2	2
Massachusetts, . . .	22	23	21	17	43	40
Rhode Island, . . .	..	..	1	2	1	2
Connecticut, ...	..	..	..	1	..	1
New York, ...	..	..	2	2	2	2
Pennsylvania, . . .	1	1	1	..	2	1
Virginia, ...	1	1	..	..	1	1
Georgia, ...	..	..	1	1	1	1
Canada, ...	1	1	..	..	1	1
England, ...	2	1	2	2	4	3
Germany, ...	1	1	1	1	2	2
Ireland, ...	3	3	3	3	6	6
New Brunswick, . .	..	..	..	1	..	1
Nova Scotia, . . .	..	..	1	1	1	1
Norway, ...	1	1	..	..	1	1
Total of *persons*, .	42	42	40	40	82	82

TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

Places.	Males.	Females.	Total.
Massachusetts: —			
Suffolk County, ...	14	13	27
Middlesex County, ...	11	14	25
Bristol County, ...	..	1	1
Norfolk County, ...	3	3	6
Essex County, ...	2	2	4
Plymouth County, ...	2	..	2
Maine, ...	1	2	3
New Hampshire, ...	4	..	4
Vermont, ...	..	1	1
Rhode Island, ...	..	2	2
New York, ...	1	..	1
Georgia, ...	..	1	1
South Carolina, ...	1	..	1
Ohio, ...	1	..	1
Illinois, ...	1	..	1
Nova Scotia, ...	..	1	1
England, ...	1	..	1
Total of *persons*, ...	42	40	82

TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
First, . .	7	15	22	14	16	30	7	3	10
Second, .	3	1	4	4	. .	4	2	. .	2
Third, . .	1	1	2	2	1	3	1	. .	1
Fourth, .	. .	1	1	. .	. .	. .	. .	1	1
Eleventh, .	. .	. .	. .	. .	. .	. .	. .	1	1
Eighteenth,	1	. .	1	. .	. .	. .	. .	. .	. .
Total *persons*,	12	18	30	20	17	37	10	5	15

TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

Occupations.	Males.	Females.	Total.
Housewife, ...	. .	14	14
Clerk, ...	4	. .	4
Manufacturer, ...	2	. .	2
Merchant, ...	12	. .	12
Farmer, ...	3	. .	3
Student, ...	1	1	2
Lawyer, ...	2	. .	2
Physician, ...	1	. .	1
Musician, ...	1	. .	1
U.S. Consul, ...	1	. .	1
Mechanic, ...	4	. .	4
Laborer, ...	1	. .	1
Servant, ...	. .	1	1
Mason, ...	2	. .	2
Civil engineer, ...	2	. .	2
No occupation, ...	6	24	30
Total of *Persons*, ...	42	40	82

TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	..	..	..	..	..	..	..	..	..
Under 1 mo.,	5	8	13	3	3	6	8	11	19
Fr. 1 to 3 mo.,	7	10	17	1	1	2	8	11	19
" 3 " 6 "	3	4	7	3	1	4	6	5	11
" 6 " 12 "	5	6	11	..	..	..	5	6	11
" 1 " 2 yrs,	5	..	5	2	..	2	7	..	7
" 2 " 5 "	1	5	6	3	1	4	4	6	10
" 5 " 10 "	2	1	3	1	..	1	3	1	4
" 20 " 30 "	..	..	..	1	..	1	1	..	1
Total *cases,*	28	34	62	14	6	20	42	40	82
Total *persons,*	..	..	..	..	..	..	42	40	82
Average of known persons (in years).	1.11	1.01	1.06	3.03	.86	1.94			

TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

Form of Disease.	Males.	Females.	Total.
Mania, acute, ...	12	11	23
Mania, chronic, ...	7	3	10
Mania, hysterical, ...	..	2	2
Mania, puerperal, ...	..	3	3
Mania, recurrent, ...	1	..	1
Melancholia, acute, ...	9	14	23
Melancholia, chronic, ...	3	4	7
Dementia, chronic, ...	1	1	2
General paralysis, ...	5	..	5
Epilepsy, ...	4	..	4
Not insane, ...	..	2	2
Total of *cases,*	42	40	82
Total of *persons,*	42	40	82

TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

Causes.	Males.	Females.	Total.
Mental.			
Grief,	3	3	6
Anxiety,	3	3	6
Physical.			
Ill-health,	5	7	12
Overwork,	7	4	11
Constitutional,	7	5	12
Change of life,	..	4	4
Child-birth,	..	4	4
Uterine disease,	..	3	3
Epilepsy,	4	..	4
Sunstroke,	1	1	2
Dissipation,	5	1	6
Unknown,	7	3	10
Not insane,	..	2	2
Total of *persons*,	42	40	82

TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

	Males.	Females.	Total.
Never before in any Hospital,	28	34	62
Former inmates of this Hospital,	6	1	7
Former inmates of other Hospitals in this State: —			
Danvers,	1	..	1
South Boston,	1	..	1
Worcester,	2	..	2
Former inmates of Hospitals in other States,	3	3	6
Former inmates of this Hospital and of other Hospitals in this State: —			
Danvers,	1	..	1
Former inmates of this Hospital and of Hospitals in other States,	..	2	2
Total of *cases*,	42	40	82
Total of *persons*,	42	40	82

TABLE No. 13.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First, ...	6	12	18	1	3	4	4	5	9	5	7	12	6	2	8	22	29	51
Second, ...	2	..	2	..	1	1	2	1	3	..	1	1	..	..	..	4	3	7
Third, ...	1	2	3	..	1	1	1	..	1	1	1	2	..	..	..	3	4	7
Fourth, ...	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Sixth, ...	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Seventh, ...	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
Tenth, ...	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
Eleventh, ...	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
Eighteenth, ...	1	..	1	..	..	..	..	..	..	..	..	..	..	.	..	1	..	1
Total of *cases*, ...	11	15	26	1	6	7	7	7	14	6	9	15	6	2	8	31	39	70
Total of *persons*, . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	39	70

TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	5	6	11	1	..	1	1	..	1
Fr. 1 to 3 mo.,	3	7	10	5	2	7	1	1	2
" 3 " 6 "	1	2	3	3	4	7	3	5	8
" 6 " 12 "	..	..	..	1	6	7	3	5	8
" 1 " 2 yrs.,	1	..	1	1	2	3	2	3	5
" 2 " 5 "	1	..	1	..	1	1	1	1	2
Total *persons,*	11	15	26	11	15	26	11	15	26
Average of known cases (in months).	5 72	1.85	3.49	4.74	8.86	7.12	10 46	10.6	10 54

TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	1	..	1	1	1	2	1	..	1
Fr. 1 to 3 mo.,	3	1	4	..	..	..	..	..	..
" 3 " 6 "	..	..	..	..	1	1	..	1	1
" 6 " 12 "	..	1	1	..	..	..	..	1	1
" 1 " 2 yrs.,	1	..	1	2	..	2	1	..	1
" 2 " 5 "	1	..	1	2	..	2	3	..	3
" 25 " 30 "	..	..	..	1	..	1	1	..	1
Total, . .	6	2	8	6	2	8	6	2	2
Average of known cases (in months).	8.04	6	7.53	75.6	2 23	57.26	66.87	8	52.16

TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute, ...	9	8	17	1	1	2
Mania, chronic, ...	..	..	..	1	..	1
Mania, puerperal, ...	..	1	1	..	..	..
Melancholia, acute, ...	2	6	8	..	..	..
Melancholia, chronic, . . .	..	..	..	..	1	1
Dementia, chronic, ...	..	..	..	1	..	1
General Paralysis, ...	..	..	..	3	..	3
Total of *cases*, ...	11	15	26	6	2	8
Total of *persons*, ...	11	15	26	..	..	..

TABLE No. 17.

CAUSES OF DEATH.

Causes.	Males.	Females.	Total.
Cerebral Disease.			
General Paralysis, ...	3	..	3
Exhaustion from Mania, ...	1	1	2
Exhaustion from Melancholia, ...	..	1	1
Hemiplegia, ...	1	..	1
Other Causes.			
Bright's Disease, ...	1	..	1
Totals, ...	6	2	8

TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

Number of the Admission.	Recovered.			Much Improved.			Improved.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Second, ...	2	..	2	..	..	..	..	..	..	2	..	2
Third, ...	1	1	2	..	..	..	.	..	..	1	1	2
Fourth, ...	..	1	1	..	..	..	..	..	..	..	1	1
Eighteenth, ...	1	..	1	..	..	..	..	..	..	1	..	1
Total of *persons*, .	4	2	6	..	..	..	..	..	..	4	2	6

*This classification is based upon the result of the admission next preceding the last, in each case respectively.

TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, ...	..	..	..	..	..	..
Under 1 month, . .	1	..	1	1	1	2
From 3 to 6 months,	..	..	..	..	1	1
" 6 to 12 " .	..	1	1	..	..	..
" 1 to 2 years, .	1	1	2	2	..	2
" 2 to 5 " . .	3	..	3	2	..	2
" 20 to 30 " . .	1	..	1	1	..	1
Total, ...	6	2	8	6	2	8
Average of known *cases* (in months).	83.54	14	66.16	75.6	2.23	57.26

TABLE No. 20.

AGES OF THOSE WHO DIED.

Ages.	At time of the first attack.			At time of death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 20 to 25 years,	..	1	1	..	..	..
" 30 to 35 "	..	1	1	..	1	1
" 35 to 40 "	3	..	3	1	..	1
" 40 to 50 "	1	..	1	2	1	3
" 50 to 60 "	2	..	2	2	..	2
" 60 to 70 "	..	..	..	1	..	1
Total,	6	2	8	6	2	8

TABLE SHOWING THE COST OF PRINCIPAL STORES AT THE McLEAN ASYLUM. 1882.

Articles.		Quantity.	Cost.	Average.
Beef,	lbs.	57,936½	$7,869.37	.1358
Mutton and Lamb,	"	20,340	2,104.57	.1034
Veal,	"	13,367	1,445.17	.108
Hams, etc.,	"	9,724¼	1,234.90	.126
Poultry,	"	18,946	3,815.64	.201
Eggs,	doz.	11,153½	3,143.77	.277
Lard,	lbs.	1,041	133.08	.1278
Flour,	bbls.	455	3,767.15	8.279
Butter,	lbs.	20,780	6,276.21	.3020
Coffee,	"	3,955	944.80	.2388
Tea,	"	1,522	501.31	.3294
Sugar,	"	26,489½	2,462.13	.0929
Lights, gas, etc.,	feet.		3,858.49	
Coal,	tons.	$1{,}200\frac{252}{2000}$	7,284.95	6.07
Wood,	cords.	14¼	103.31	7.25
Ice,	tons.	$423\frac{1600}{3000}$	759.46	1.79

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

From its Opening, October 6, 1818, to December 31, 1882, Inclusive.

Years.	Admitted.	Discharged.	Whole No. under care.	Died.	Much improved, etc.	Recovered.	Remaining at end of year.	Average No. of Patients.
1818–25	398	344	623	29	205	110	279	. .
1826	47	46	101	5	21	20	55	. .
1827	58	56	113	5	17	34	57	. .
1828	77	65	134	5	37	23	69	. .
1829	73	77	142	9	42	26	65	. .
1830	82	78	147	10	34	34	69	. .
1831	83	84	152	8	46	30	68	. .
1832	94	98	162	10	45	43	64	. .
1833	103	100	167	8	50	42	67	. .
1834	108	95	174	7	47	41	80	. .
1835	83	84	163	11	28	45	77	. .
1836	106	112	183	10	38	64	71	. .
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	48	19	151	157
1880	51	48	202	6	30	12	154	152
1881	66	65	220	14	37	14	155	150
1882	82	70	237	8	36	26	167	156
	6,604	6,437		944	2,708	2,785		

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR NINETEEN YEARS,—1864-1882.

	Applications.	Admissions.		American.		Foreign.		Not admitted.	Discharged, cured, relieved, or improved.		Percentage of same on Admissions.		Died.			Whole number under care in the year.		Number of free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any one time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		Average time in weeks Paying and Free at Hospital.		Out-Patients.
Years.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3.7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5.1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91.0	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	681	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3.4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3.9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3.1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3.3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80.80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	32	81.53	62.7	151	6	351	2284	202	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566
1881	2786	2106	66	1074	57	1032	9	680	1853	37	82.19	56	189	14	391	2270	220	1835	419	26	195	161	139	147	166	150	168	39	2.79	4.41	18443
1882	2587	2147	82	1127	73	1020	9	440	1775	47	87.83	57.3	177	8	348	2302	237	1876	399	12	195	166	143	149	168	156	167	35	2.84	4.41	16304

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPT. 3, 1821, TO DEC. 31, 1881.

Year.	Total admitted.	Free.	Paying Board all the time.	Paying part of the time.	Whole Number treated.			Discharged well.	Percentage on "Total admitted."	Much relieved, or relieved in part.	Not relieved.	Not treated, unfit, dismissed, etc.	Deaths.	Percentage on "Total admitted."	Greatest number free at one time.	Greatest number paying at one time.	Greatest total.	Least total.	Average.	Accidents.	Percentage.	Average time of Paying Weeks.	Average time of Free Weeks.	Patients remaining under treatment Dec. 31.		Out-Patients treated.
					Paying Board.	Paying Board part of time.	Free.																	Paying.	Free.	
1821 to 1843	8743	390	327	34	..	..	..	3991	..	2902	913	105	624	..	..	..	123	54	..	..	..	..	..			
1843	365	183	167	15	..	..	.	136	37	115	55	17	41	11	..	..	56	33	47*	..	..	4	6			
1844	435	250	174	11	..	..	..	183	43	137	41	23	47	11	..	30	71	40	53	55	12*	3 6-7	7 1-7			
1845	453	265	176	12	..	..	..	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	..	..	..	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	..	..	..	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	..	..	328
1848	804	460	283	61	..	..	..	400	50	219	52	39	103	13	86	38	124	94	108	103	12*	3 1-7	5	..	..	378
1849	870	543	273	54	..	.	..	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	..	..	272
1850	746	427	242	77	..	..	..	363	48	200	56	49	76	10	103	33	136	83	108	98	13	2 6-7	6	..	..	294
1851	839	477	298	64	..	..	..	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	..	..	237
1852	826	472	271	83	..	..	..	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	..	..	248
1853	925	505	335	85	..	..	..	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	..	..	358
1854	922	490	321	111	..	..	..	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	..	..	477
1855	915	414	352	147	..	..	..	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	..	..	645
1856	976	545	335	96	..	..	..	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	..	..	887
1857	920	549	280	91	..	..	..	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	..	..	1574
1858	1015	718	251	46	..	..	..	514	50	229	65	50	127	13	120	31	144	91	123	186	18*	4	7*	..	..	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1199	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	5619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	50	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9 36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	840	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140		3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178		3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259		3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291		3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234		2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285		2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7.86	182	36	210	163	185	245		3.22	5.73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147		2.84	5.54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200		2.80	5.27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222		2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	151	7.16	165	35	188	156	170	351		2.58	4.53	17	157	20566
1881	2106	1678	402	26	419	26	1835	1324	62	429	70	103	189	8.96	168	39	195	139	166	391		2.79	4.41	15	140	18443
1882	2147	1736	399	12	414	12	1876	1312	61	463	59	13	177	8.13	167	35	195	143	168	348		2.84	4.41	24	141	16304
	68673							21438		14870	3551	3217	5105													270565

OFFICERS OF THE INSTITUTION.

1882.

President.

HENRY B. ROGERS.

Vice-President.

NATHANIEL THAYER.

Treasurer.

EDMUND DWIGHT, 60 State Street.

Secretary.

THOMAS B. HALL, 75 State Street.

Trustees.

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
* CHARLES V. BEMIS, Medford, Mass.
E. FRANCIS BOWDITCH, Framingham, Mass.
WILLIAM ENDICOTT, Jr., 10 Mt. Vernon Street.
GEORGE S. HALE, 39 Court Street.
* HENRY P. KIDDER, 40 State Street.
THORNTON K. LOTHROP, 8 Congress Street.
CHARLES J. MORRILL, 11 Arlington Street.
* THOMAS E. PROCTOR, 106 High Street.
NATHANIEL THAYER, Jr., 21 Sears Building.
* SAMUEL D. WARREN, 67 Mt. Vernon Street.
ROGER WOLCOTT, 8 Pemberton Square.

Board of Consultation.

HENRY I. BOWDITCH, M.D.
ALGERNON COOLIDGE, M.D.
D. H. STORER, M.D.
CHARLES E. WARE, M.D.
MORRILL WYMAN, M.D.
SAMUEL CABOT, M.D.

* Appointed by the Governor of the Commonwealth.

OFFICERS OF THE HOSPITAL.

Resident Physician.

James H. Whittemore, M.D.

Visiting Physicians.

George C. Shattuck, M.D.
Francis Minot, M.D.
Calvin Ellis, M.D.
Samuel L. Abbot, M.D.
Benjamin S. Shaw, M.D.
George G. Tarbell, M.D.

Visiting Surgeons.

Henry J. Bigelow, M.D.
Richard M. Hodges, M.D.
Charles B. Porter, M.D.
John Collins Warren, M.D.
Henry H. A. Beach, M.D.
John Homans, M.D.

Physicians to Out-Patients.

David H. Hayden, M.D.
William L. Richardson, M.D.
Edward N. Whittier, M.D.
Elbridge G. Cutler, M.D.
F. Gordon Morrill, M.D.
Frederick C. Shattuck, M.D.

Surgeons to Out-Patients.

Maurice H. Richardson, M.D.
George W. West, M.D.
Arthur T. Cabot, M.D.

Physician to Out-Patients with diseases of the Skin.

James C. White, M.D.

Physician to Out-Patients with diseases of the Nervous System.

James J. Putnam, M.D.

Physicians to Out-Patients with diseases of the Throat.

Frederick I. Knight, M.D.
S. W. Langmaid, M.D.

Ophthalmic Surgeon to Out-Patients.

Oliver F. Wadsworth, M.D.

Dental Surgeon.

Virgil C. Pond, D.M.D.

Microscopist, and Curator of the Pathological Cabinet.

REGINALD H. FITZ, M.D.

Chemist.

EDWARD S. WOOD, M.D.

Artist.

HENRY P. QUINCY, M.D.

Medical House Officers, 1882–1883.

FRANKLIN A. DUNBAR. ANDREW H. HODGDON.

Surgical House Officers, 1882–1883.

CLARENCE M. GODDING. FRED. M. BRIGGS.
CHARLES S. HOLDEN. CHARLES W. GALLOUPE.

Matron.

Miss G. L. STURTEVANT.

Apothecary.

JOHN W. PRATT.

OFFICERS OF THE McLEAN ASYLUM.

Superintendent.

EDWARD COWLES, M.D.

1st Assistant Physician.

GEORGE T. TUTTLE, M.D.

2d Assistant Physician.

FREDERICK M. TURNBULL, M.D.

Medical House Officers.

G. F. THOMPSON. A. G. SMITH.

Purveyor.

JOHN P. BRADBURY.

Superintendent of Nurses.

Miss M. F. PALMER.

Clerk.

Miss F. E. GILBERT.

Supervisors.

E. W. BOARDMAN. Miss L. E. WOODWARD.

Apothecary.

J. H. POTTS.

VISITING COMMITTEE.

January and July.

Messrs. Morrill and Endicott.

February and August.

Messrs. Lothrop and Bowditch.

March and September.

Messrs. Eliot and Thayer.

April and October.

Messrs. Hale and Warren.

May and November.

Messrs. Bemis and Proctor.

June and December.

Messrs. Kidder and Walcott.

LADIES' VISITING COMMITTEE.

January.

Miss E. Gray.
Miss H. Thayer.
Miss M. Curtis.

February.

Miss Gray.
Miss E. Goodwin.
Miss S. Loring.

March.

Miss Goodwin.
Miss L. Loring.
Miss S. Loring.
Miss H. Thayer.

April.

Miss L. Loring.
Miss Curtis.
Miss Thayer.
Miss Eliot.

May.

Miss Curtis.
Miss Eliot.

June and October.

Mrs. S. Eliot.
Mrs. W. W. Vaughan.

November and December.

Mrs. H. W. Haynes.
Miss A. W. Morrill.

STANDING COMMITTEES.

On admitting Asylum Patients.

Messrs. WARREN and ENDICOTT.

On Finance.

Messrs. KIDDER and MORRILL.

On Accounts and Expenditures.

Messrs. WOLCOTT and THAYER.

On Buildings and Repairs.

Messrs. ENDICOTT, WARREN, and ELIOT.

On Free Beds.

Messrs. BOWDITCH and PROCTOR.

On the General Library and Warren Fund.

Messrs. ELIOT and HALE.

On the Book of Donations.

Dr. BEMIS.

SEVENTIETH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

AND

McLEAN ASYLUM,

1883.

Printed at the Expense of the Bowditch History Fund.

BOSTON:
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET.
1884.

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1884.

REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1883.

The Committee of the Trustees appointed to prepare the annual report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other officials have been referred, respectfully submit the

Seventieth Annual Report.

To those who are accustomed to read each annual report of this and other similar institutions, there is little to be said that is novel in reference to their daily routine work. The tables prepared by Dr. Cowles and Dr. Whittemore, and presented herewith, will best explain and illustrate the work that is being done in the Hospital, the Asylum, and the Convalescent Home. We shall only allude to a few prominent features in their past year's history, and note some changes and improvements which have been made.

We desire to express our general satisfaction with the results, while we feel also compelled to call attention to what is still needed to make these Institutions what they should be.

The average number of patients in the Hospital during the past year was 172. In the previous year, the average number was 168.

In the Asylum, the average number of patients the past year was 164. In the previous year, the average number was 156.

The Treasurer's account shows that the excess of expense over income of the three establishments — namely, the Hospital, the Asylum, and the Convalescents' Home — has been $10,085.46, which has been charged to the General Fund; but, as the average deficiency for the past three years has been $29,860.72 annually, the result this year must be deemed highly satisfactory.

The legacies and donations received the past year have been large, and the Trustees gratefully acknowledge the receipt of the following: —

Donation, W. S. Adams, Free Bed Fund,	$2,000.00
Donation, children of Mrs. Henry Windsor, for a permanent free bed,	1,000.00
Bequest, J. W. Estabrooks, income for free beds,	1,000.00
Bequest, Nathaniel Thayer, income for free beds,	30,000.00
Bequest, Charlotte Harris, General Fund (as valued by the corporation),	132,976.80
Bequest, J. G. Kidder, General Fund,	25,000.00
Bequest, J. G. Kidder, income for Convalescent Home,	15,000.00
Bequest, M. P. Sawyer, in part, income for free beds,	20,743.20
Total,	$227,720.00

The annual subscriptions for free beds have amounted to $10,600.

During the past year, important changes have occurred in the Corporation and in the Board of Trustees as well as in the Board of Visiting Physicians. We, in common with many other charitable organizations, have to lament the death of Nathaniel Thayer, Esq., who had been Vice-President of the Corporation for the past fourteen years. His last bequest to the Hospital for free beds has already been noted.

Early in the year, the new building for the Nurses of the Hospital was occupied. It had been named the "Thayer Building," previous to Mr. Thayer's death, in recognition of his valuable services and generous donations. At our request, a portrait of Mr. Thayer has been given to the Hospital by Mrs. Thayer, which has been hung in the Thayer Building.

We have also to lament the death of Dr. Calvin Ellis of the Board of Visiting Physicians, who had for nineteen years been a most faithful and efficient member of that body.

A valuable member of the Board of Trustees, Mr. Thornton K. Lothrop, resigned in the month of April, having been a member of the Board for five years.

Dr. Benjamin S. Shaw has recently resigned as Visiting Physician, after a connection with the Hospital, in different capacities, of twenty-five years, in reference to which the Trustees passed the following vote: "That the Secretary be requested to express to Dr. Shaw the high appreciation in which his long services have been held by the Trustees, and their regret that his connection with the Institution must be terminated."

We regret to announce also that Mr. David R. Whitney, who has been the efficient Treasurer of the Corporation for the past three years (except during a temporary absence in Europe), has resigned. During Mr. Whitney's absence, Mr. Edmund Dwight kindly consented to take the office of Treasurer.

During the year, the "George H. Gay Ward" for the Out-Patient Department has been erected. This building for the relief of suffering humanity was the gift of a benevolent gentleman, whose name is withheld at his own request, in memory of his deceased friend, Dr. Gay. It is justly regarded as being a model building for the purposes for which it is designed.

The Dental Department has been removed to the building formerly occupied by the Harvard Medical School, where it will find much more capacious and desirable quarters than it was possible to provide in the Hospital Buildings; but its connection with the Hospital remains the same as before.

During the past year, we have sold to the city of Boston, for the sum of $62,000, the Dock, Wharf, and Flats on Charles Street for the purposes of a Public Park.

We desire to call attention to the fact that our Convalescent Home at Belmont is designed not only for Convalescents from our own, but also from other hospitals, private families, boarding-houses, etc. We desire to have it availed of to its fullest capacity.

It is now ten years since the Training School for Nurses was organized, and it seems proper that the Trustees should express to the officers of the school, more fully than has heretofore been done, their high appreciation of the services rendered the Hospital.

The Hospital has, from the beginning, had the advantage of many excellent and skilful nurses; but, since the nursing has been wholly in the charge of the Training School, there is no doubt that the average quality of the service has been higher than ever before.

This Institution began in 1873 with six pupils, who were allowed to take charge of two wards as an experiment. It increased steadily till 1877, when the nursing of the whole Hospital was placed in its charge. At the present time, the Training School consists of forty-two pupils, twelve head nurses, a night Superintendent, and the Superintendent of the whole school,—all these being under the supervision of a Board of

Directors, several of whom are physicians connected with the Hospital.

The general management of the health, discipline, and education of the nurses rests with this Board, though the school is in fact a part of the active staff of the Hospital, and acts under the direction of the Resident Physician. As a result of this organization, the character of the nursing in the Hospital has materially improved; and the public has benefited by the yearly graduation of fifteen or twenty well-trained nurses.

A somewhat similar system of training female nurses for their work has been introduced at the Asylum, and we look for like beneficial results there.

We desire to express to the Ladies' Visiting Committee of the Hospital the thanks of the Trustees for their constant and careful attention.

We have in several former reports called attention to the favorable results to both children and adults arising from their being occupants of the same wards in the Hospital, and we hope in future, even more than in the past, that sick children will be sent to the Hospital to be cared for in connection with adults.

We note with satisfaction that about one-third of the patients admitted to the Asylum the past year have been voluntary, and that beneficial results to the patients have followed the adoption of the plan of allowing them to make short visits to their homes and families.

We tried the experiment the past year of a cottage on the sea-shore at Lynn for some of the patients from the McLean Asylum during the summer months, and the results were so satisfactory that it will be repeated the coming summer on a somewhat larger scale.

We note also that the employment of female nurses in the men's wards of the Asylum works satisfactorily and with beneficial results to the patients.

In our last report, we said: "Your Trustees cannot express too strongly the hope that they will soon be able to move the Asylum from Somerville to Belmont. This they consider their most pressing need, and it is to be hoped that this object will be especially borne in mind by the generous public." Another year's consideration and experience have confirmed this opinion. We have secured a large estate at Belmont admirably adapted by nature and by its surroundings for the purposes of an Asylum, and it is of the utmost importance that we should shortly commence to erect the necessary buildings; but, up to the present time, we have not had sufficient encouragement to induce us to attempt to raise the large sum of money which would be needed for the purpose.

THOMAS E. PROCTOR,
EDMUND DWIGHT,
} *Committee.*

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL.

To the Board of Trustees:

Gentlemen,— In accordance with the Fifth Article of the By-Laws the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1883, is respectfully submitted, to be laid before the Corporation at its annual meeting.

Dr. D. R. WHITNEY, *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

Jan. 1, 1883.		By Cash paid J. H. Whittemore, Resident Physician, balance in account,	$2,980.70
To Balance Cash on hand,	$8,847.50	“ “ “ Edw. Cowles, Superintendent, balance in account,	4,918.84
“ Railroad Bonds sold,	105,000.00	“ “ “ Insurance,	4,738.49
“ Real Estate sold,	71,000.00	“ “ “ Annuitants,	1,406.00
“ City of Boston Bonds collected,	2,000.00	“ “ “ Annual Report, 1882,	247.76
“ Union League Club Bonds called,	3,000.00	“ “ “ Improvements at Belmont,	7,871.40
“ Notes Receivable,	43,900.00	“ “ “ Thayer Building,	9,031.19
“ Donations,	3,000.00	“ “ “ Gay Building,	15,800.23
“ Legacies,	98,679.40	“ “ “ Expenses Hospital,	109,054.98
“ One-third profits Mass. Hospital Life Ins. Co.,	5,000.00	“ “ “ Expenses Asylum,	137,801.56
“ Income from investments,	92,609.14	“ “ “ Expenses Convalescent Home,	6,204.15
“ Board of paying patients at Asylum,	134,334.50	“ “ “ Investments,	226,400.00
“ Board of paying patients at Hospital,	20,150.07	“ “ “ Library,	241.77
“ Board of paying patients at Convalescent Home,	344.00	“ “ “ Wooden Legs,	130.00
“ Subscribers for Free Beds ($3,050 additional received for this purpose in 1882),	7,550.00	“ “ “ Premiums,	11,460.24
“ Subscribers for Free Beds for 1884 in advance,	900.00	“ “ “ Taxes at Waltham,	152.32
		“ “ “ Taxes and betterments on land in Chicago,	498.13
		“ “ “ C. C. Darling, balance in account,	33.70
		“ Balance Cash on hand,	57,343.15
	$596,314.61		$596,314.61

Massachusetts General Hospital, Boston, Dec. 31, 1883.

E. & O. Ex. D. R. WHITNEY, *Treasurer.*

The expense of carrying on the business of the Corporation for the year 1883 has been $257,279.18, namely: —

On account of Hospital Department,	$111,363.64
" " " McLean Asylum,	139,711.39
" " " Convalescent Home,	6,204.15
	$257,279.18

This expense has been met from: —

Amount charged to patients,	$154,828.57
Income from various funds applicable,	92,365.15
Deficit drawn from the General Fund,	10,085.46
	$257,279.18

The receipts at the McLean Asylum have exceeded the expenses by $4,341.18, which amount has been credited to the General Fund; while the expenses at the Hospital have exceeded the receipts by $13,296.47, and at the Convalescent Home by $1,130.17, which amounts have been charged to the General Fund, making the net balance drawn from the General Fund $10,085.46, as above.

TABLE No. 1.

EXPENSES AND RECEIPTS OF THE HOSPITAL DEPARTMENT.

Disbursements for the year 1883: —

Expenses at Hospital (see Table 4),	$109,054.98
Insurance,	2,308.66
	$111,363.64

Receipts.

Income from Redman Fund (see Table 7),	$26,169.01
" " Free Bed Funds (see Table 7),	30,757.50
" " Funds with income unrestricted (see Table 7),	2,300.00
" " General Fund (see Table 7),	8,090.59
Free Bed Subscriptions (see Table 8),	10,600.00
Amount charged to patients,	20,150.07
Deficit from General Fund,	13,296.47
	$111,363.64

TABLE No. 2.

EXPENSES AND RECEIPTS AT THE McLEAN ASYLUM.

Disbursements for year 1883: —

Expenses at Asylum (see Table 5),	$137,801.56
Insurance,	1,909.83
	$139,711.39

Receipts.

Income from Fund for Beneficiaries (see Table 7),	$4,255.57
Income from Fund for Female Beneficiaries (see Table 7),	4,887.50
Income from Amusement Fund (see Table 7),	575.00
Amount charged to Patients,	134,334.50
	$144,052.57
Balance of Receipts over Expenses,	
Credited to General Fund,	$4,341.18

TABLE No. 3.

EXPENSES AND RECEIPTS AT CONVALESCENT HOME.

Disbursements for year 1883: —

Expenses at Convalescent Home (see Table 6),	$6,204.15

Receipts.

Income from Convalescent Home Fund,	$4,729.98
Amount charged to patients,	344.00
Deficit from General Fund,	1,130.17
	$6,204.15

TABLE No. 4.

EXPENSES OF THE HOSPITAL DEPARTMENT.

For Stores,	$39,426.20
Gas and Oil,	2,074.17
Water,	1,805.30
Wages,	26,283.50
Medicine,	2,725.21
Furniture,	9,507.92
Surgical Instruments,	1,211.98
Stationery,	714.23
Wines and Liquors,	2,698.65
Salaries,	5,274.00
One-half General Expenses,	1,084.86
Fuel,	9,514.51
Contingencies,	845.51
Repairs,	5,888.94
	$109,054.98

These expenditures have been for account of: —

1,492 Free Patients for 7,176 weeks,	$90,665.70	
528 Paying Patients for 1,456 weeks,	18,389.28	
	$109,054.98	
The average number of patients was, in 1882,	168	
The average number of patients has been, in 1883,	166	
The average cost per week was, in 1882, 8,736 weeks,	$12.43	
The average cost per week has been, in 1883, 8,632 weeks,	12.63	
The total expenses were, in 1882,	108,590.43	
The total expenses have been, in 1883,	109,054.98	
The amount paid for account of free patients has been,		$90,665.70
The amount received for them has been: —		
From Income Free Bed Funds,	30,757.50	
From 88 Subscribers for this object (see Table 8),	10,600.00	
		41,357.50
		$49,308.20

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores,	$44,150.51	
Laundry,	8,510.48	
Fuel,	6,569.89	
Stationery,	468.50	
Medicines and Liquors,	2,529.82	
Contingencies,	1,570.98	
Furniture,	8,788.03	
Repairs,	13,347.32	
Diversions,	1,086.59	
Water and Ice,	2,765.91	
Lights,	3,379.25	
Wages,	29,779.87	
Salaries,	6,873.53	
One-half General Expenses,	1,084.87	
Library,	400.00	
Stables,	3,689.99	
Garden,	2,726.65	
Lynn Cottage,	1,525.77	
		$139,247.96
Less Cr. Clothing, $383.79, and Farm, $1,062.61,		1,446.40
		$137,801.56

These expenditures have been for account of:—

Patients paying cost and more,		$39,994.42
" " less than cost,		97,807.14
		$137,801.56
The average number of patients was, in 1882,	156	
The average number of patients has been, in 1883,	164	
The average cost per week was, in 1882,	$17.02	
The average cost per week has been, in 1883,	16.16	
The total expenses were, in 1882,		138,518.36
The total expenses have been, in 1883,		137,801.56
The amount expended at the Asylum for patients who have paid less than cost has been,		97,807.14
The amount received has been:—		
From patients, 6,033 1-7 weeks' board, at less than cost,	$56,546.92	
From Income of Funds for Beneficiaries,	4,255.57	
Income of Funds for Female Beneficiaries,	4,887.50	
Income of Amusement Fund,	575.00	
		66,264.99
		$31,542.15

The deficiency has been drawn in part from patients paying more than cost, and the remainder from Funds applicable to the purpose.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

For Stores,	$2,982.22
Gas and Oil,	38.22
Medicine,	15.93
Furniture,	159.40
Wages,	1,871.30
Fuel,	610.84
Stationery,	16.70
Ice,	100.93
Wines, Spirits, and Malt Liquors,	13.39
Repairs,	143.26
Contingencies,	251.96
	$6,204.15

Whole number of patients admitted during the year, males,	92	
Whole number of patients admitted during the year, females,	93	
		185
Whole number discharged during same time,		195
Remaining, Jan. 1, 1884, males,	3	
" " " females,	4	
		7

TABLE No. 7.

INCOME FROM INVESTMENTS.

The Income from Investments has been:—

From Annuities Receivable,	$6,400.00
City of Boston Bonds,	1,175.00
Mass. Hospital Life Ins. Co. Stock,	4,000.00
Railroad Bonds,	32,269.67
Manufacturing Stocks,	3,309.00
Bank Stocks,	4,729.70
Real Estate, Productive,	23,090.93
Notes Receivable,	15,772.10
Union League Club Bonds,	600.00
Interest,	1,121.29
Delaware Mutual Ins. Co.'s Scrip Interest,	27.00
Railroad Stocks,	114.45
	$92,609.14

Which has been distributed as follows:—

To G. H. Gay Fund,		$862.50
Redman Fund,		26,169.01
Warren Prize Fund,		172.50
Bowditch History Fund,		115.00
Wooden Leg Fund,		287.50
Redman Annuities,		936.00
Clara Barton Annuity,		186.35
Surgical Instrument Fund,		77.67
Amusement Fund,		575.00
Free Bed Funds, for use,	$30,757.50	31,457.50
Free Bed Funds, for Joy Annuities,	700.00	
Beneficiaries at Asylum Funds,		4,255.57
Warren Library Fund,		57.50
Treadwell Library Fund,		287.50
One-half Lincoln Fund,— Female Beneficiaries,		4,887.50
Funds with Income Unrestricted,		2,300.00
General Fund,		8,090.59
Convalescent Home Fund,		4,729.98
Asylum Building Fund,		7,161.47
		$92,609.14

The Income for 1881 was	$94,199.47
The Income for 1882 was	82,698.22
The Income for 1883 has been	92,609.14

TABLE No. 8.

SUBSCRIBERS FOR FREE BEDS.

Hoosac Tunnel Dock and Elevator Co.,	$100
F. L. Higginson,	100
H. S. Shaw,	100
M. Brimmer,	300
F. R. Sears,	100
Mrs. Susan O. Brooks,	100
J. R. Coolidge,	100
Mrs. L. M. Case,	100
J. P. Bradlee,	100
Chas. P. Curtis,	100
Sidney Bartlett,	100
Theodore Lyman,	100
William Amory,	100
Fitchburg Railroad Co.,	100
J. L. Bremer,	100
Miss Anne Wigglesworth,	200
Union Railway Co.,	100
Boston & Providence R.R. Co.,	100
George Higginson,	100
T. Jefferson Coolidge,	100
H. P. Kidder,	200
F. H. Peabody,	100
Boston & Maine R.R. Co.,	100
S. D. Warren,	100
Shepherd Brooks,	100
Miss C. A. Brewer,	100
W. W. Tucker,	100
Mrs. J. G. Cushing,	100
Mrs. Anna C. Lodge,	100
S. R. Payson,	100
J. B. Glover,	100
P. C. Brooks,	100
J. L. Gardner, Jr.,	100
Mrs. Peter C. Brooks,	100
Miss Eunice Hooper,	100
Mass. Humane Society,	600
Mrs. E. B. Bowditch,	200
Samuel Johnson,	100
William Endicott, Jr.,	100
Mrs. Charlotte A. Johnson,	100
George A. Gardner,	100
Miss A. W. Davis,	100
Geo. W. Wales,	100
Dr. C. E. Ware,	100
George Dexter,	300
Amount carried up,	$5,700
Amount brought up,	$5,700
John Foster,	100
Mrs. Jas. McGregor,	100
Webster & Co.,	100
Eastern Railroad Co.,	100
W. O. Grover,	100
Henry B. Rogers,	100
Samuel Eliot,	100
C. J. Morrill,	100
Geo. D. Howe,	100
W. D. Pickman,	100
Jos. S. Fay,	100
Mrs. G. H. Shaw,	100
A. A. Lawrence,	100
R. C. Winthrop, Jr.,	100
A L. Rotch,	100
Charles Merriam,	100
C. H. Dalton,	100
Ida M. Mason,	100
Nathaniel Thayer,	500
Henry Saltonstall,	100
H. H. Fay,	100
Otis E. Weld,	100
F. Gordon Dexter,	100
W. Powell Mason,	100
Greely S. Curtis,	100
R. C. Greenleaf,	100
Henry Woods,	100
J. F. Anderson,	100
Sarah S. Fay,	200
R. W. Hooper,	100
J. H. Wolcott,	100
Mrs. Ozias Goodwin,	100
Miss Eliza Goodwin,	100
Mrs. Caroline Merriam,	100
Miss Madeline C. Mixter, Miss Helen K. Mixter,	100
J. M. Sears,	100
J. T. Coolidge, Jr.,	100
Pacific Mills Board of Relief,	200
J. P. Squire & Co.,	100
J. L. Little,	100
Mrs. James Lawrence,	100
Boston Gaslight Co.,	100
C. W. Amory,	100
	$10,600

Total Free Bed Subscriptions (80) in 1882,	$10,215.00
Total Free Bed Subscriptions (88) in 1883,	10,600.00

TABLE No. 9.

LIBRARY ACCOUNT.

Paid for Books,	$241.77
Income Treadwell Library Fund,	287.50
The surplus is credited to the Fund,	$45.73

TABLE No. 10.

WOODEN LEG ACCOUNT.

The amount received for this purpose has been Income of the Wooden Leg Fund,	$287.50
The amount expended for Artificial Limbs has been,	130.00
The surplus is credited to the fund,	$157.50

TABLE No. 11.

THE BOWDITCH HISTORY FUND.

Balance, December 31, 1882: —		
Principal,	$2,000.00	
Income,	1,786.31	
		$3,786.31
Amount of Income received,	$115.00	
Amount of Income expended,	247.76	
		132.76
		$3,653.55
Balance, December 31, 1883: —		
Principal,	$2,000.00	
Income,	1,653.55	
		$3,653.55

TABLE No. 12.

GENERAL FUND.

Balance, December 31, 1882,	$978,397.20	
Add one-third profits Mass. Hospital Life Ins. Co.,	5,000.00	
Add donations and legacies,	157,976.80	
		$1,141,374.00
Less balance of premiums paid for Railroad Bonds, Bank Stocks, and Railroad Stocks,	$11,460.24	
Balance of Expenses over Income,	10,085.46	
		21,545.70
Balance, December 31, 1883,		$1,119,828.30

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds:—

The Joy Fund, being a bequest from Miss Nabby Joy,	$20,000.00
Belknap Fund, being a bequest from Jeremiah Belknap,	10,000.00
Wm. Phillips Fund, being a bequest from Wm. Phillips,	5,000.00
Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street,	19,600.00
Bromfield Fund, being half of a bequest from John Bromfield,	20,000.00
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend,	11,486.50
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer,	5,000.00
Wilder Fund, being a bequest from Charles W. Wilder,	12,000.00
Sever Fund, being a bequest from Miss Martha Sever,	500.00
Thompson Fund, being a bequest from S. B. Thompson,	500.00
Tucker Fund, being a bequest from Miss Margaret Tucker,	3,312.37
Davis Fund, being a bequest from Mrs. Eleanor Davis,	900.00
Loring Fund, being a bequest from Abigail Loring,	5,000.00
Nichols Fund, being a bequest from B. R. Nichols,	6,000.00
Gray Fund, being a donation from John C. Gray,	1,000.00
Dowse Fund, being a bequest from Thomas Dowse,	5,000.00
Todd Fund, being a bequest from Henry Todd,	5,000.00
J. Phillips Fund, being a bequest from Jonathan Phillips,	10,000.00
Greene Fund, being a bequest from Benj. D. Greene,	5,000.00
Percival Fund, being a bequest from John Percival,	950.00
Amount carried forward,	$146,248.87

Amount brought forward,	$146,248.87
Pickens Fund, being a bequest from John Pickens,	1,676.75
Treadwell Fund, being part of a bequest from J. G. Treadwell,	38,703.91
Raymond Fund, being a bequest from E. A. Raymond,	2,820.00
Harris Fund, being part of a bequest from Charles Harris,	1,000.00
Mason Fund, being a bequest from Wm. P. Mason,	9,400.00
Sawyer Fund, being part of a bequest from M. P. Sawyer,	7,000.00
J. L. Gardner Fund, being a donation from J. L. Gardner,	20,000.00
B. T. Reed Fund, being a donation from Benj. T. Reed,	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed,	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor,	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice,	5,000.00
Templeton Fund, being half of a bequest from John Templeton,	5,000.00
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers,	1,177.50
Beebe Fund, being a bequest from J. M. Beebe,	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard,	4,000.00
George Gardner Fund, being a donation from George Gardner,	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway,	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup,	1,000.00
Tufts Fund, being a bequest from Quincy Tufts,	10,000.00
Read Fund, being half of a bequest from Jas. Read,	1,000.00
Parker Fund, being a bequest from Jno. Parker, Jr.,	10,000.00
Amount carried forward,	$433,760.95

Amount brought forward, ...	$433,760.95	
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw, .	5,500.00	
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers, ...	1,000.00	
Dwight Fund, being a donation from Mrs. T. Bradford Dwight, ...	1,000.00	
Hunnewell Fund, being a donation from H. H. Hunnewell, ...	10,000.00	
R. M. Mason Fund, being a bequest from R. M. Mason, ...	5,000.00	
Anna Lowell Cabot Fund, being a donation from Dr. Samuel Cabot, ...	1,000.00	
Welles Fund, being a donation from Miss Jane Welles, ...	5,000.00	
Black Fund, being a bequest from Miss Marianna Black, ...	2,000.00	
Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge, ...	14,000.00	
Paraclete Holmes Fund, being a donation from W. S. Adams, ...	2,000.00	
Estabrooks Fund, being a bequest from J. W. Estabrooks, ...	1,000.00	
Thayer Fund, being a bequest from Nathaniel Thayer, ...	30,000.00	
Sawyer Fund, being part of a bequest from M. P. Sawyer, ...	20,743.20	
		$532,004.15

Income devoted to Beneficiaries at Asylum: —

The Bromfield Fund, being half of a bequest from John Bromfield, ...	$20,000.00	
Read Fund, being half of a bequest from Jas. Read, ...	1,000.00	
Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton, . .	30,010.00	
McGregor Fund, being half of a donation and bequest from James McGregor, .	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin, ...	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge, ...	5,500.00	
Templeton Fund, being half of a bequest from John Templeton, ...	5,000.00	
		74,010.00
Amount carried forward, . . .		$606,014.15

Amount brought forward,	$606,014.15
Income devoted to Female Beneficiaries at Asylum:—	
The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00
Income unrestricted:—	
The Waldo Fund, being a bequest from Daniel Waldo,	40,000.00
Income devoted to any purpose except buildings:—	
The Redman Fund, being a bequest from John Redman,	455,113.34
Income devoted to a Triennial Prize:—	
The Warren Prize Fund, being a bequest from Dr. J. M. Warren,	2,299.61
Income devoted to the Library:—	
The Treadwell Library Fund, being part of a bequest from J. G. Treadwell,	5,000.00
Income devoted to Books for Patients:—	
The Warren Library Fund, being a donation from Dr. J. C. Warren,	1,000.00
Income and Principal devoted to the publication of a History of the Hospital:—	
The Bowditch History Fund, being a bequest from N. I. Bowditch,	2,000.00
Income devoted to Amusements at the Asylum:—	
The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies,	10,000.00
Amount carried forward,	$1,206,427.10

Amount brought forward, . . .		$1,206,427.10
Income devoted to Special Surgical Instruments:—		
The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100,		1,350.00
The Wooden Leg Fund:—		
Being a bequest from N. I. Bowditch, . . .		5,000.00
The Convalescent Home Fund, .		82,260.66
Permanent Free Beds:—		
Miss Marian Hovey, ...	$1,000.00	
Mrs. Fanny H. Morse, ...	1,000.00	
Henry S. Hovey, ...	1,000.00	
Edward Woodman, ...	1,000.00	
Children of Mrs. Henry Windsor, ...	1,000.00	5,000.00
Redman Annuities, ...		15,600.00
Clara Barton Annuity, ...		3,241.00
Asylum Building Fund, ...		124,547.31
G. H. Gay Fund, ...		25,000.00
Add unused income at credit of		
The Warren Prize Fund, ...	$296.65	
Warren Library Fund, ...	409.62	
Bowditch History Fund, ...	1,653.55	
Surgical Instrument Fund, ...	1,164.69	
Wooden Leg Fund, ...	762.19	
G. H. Gay Fund, ...	1,137.50	
Treadwell Library Fund, ...	107.85	
Asylum Building Fund, ...	25,312.84	
Clara Barton Annuity, ...	32.09	
		30,876.98
Total of Restricted Funds, ...		$1,499,303.05

TRIAL BALANCE, DEC. 31, 1883.

Dr.				*Cr.*
Land and Buildings for Asylum,	$320,794.75	Redman Fund,	$455,113.34	
Land and Buildings for Hospital,	520,008.53	Warren Prize Fund,	3,000.00	$296.65
Land and Improvements, Belmont,	60,651.99	Bowditch History Fund,	2,000.00	1,653.55
Gay Building,	15,800.23	Wooden Leg Fund,	5,000.00	762.19
Land at Waltham,	2,352.32	Redman Annuities,	15,600.00	
Annuities Receivable,	160,000.00	Clara Barton Annuity,	3,241.00	32.09
City of Boston Loan,	22,000.00	Surgical Instrument Fund,	1,350.00	1,164.69
Insurance Stocks,	50,000.00	Amusement Fund,	10,000.00	
Delaware Mutual Insurance Company's Scrip,	885.00	Free Bed Funds,	532,004.15	
Railroad Bonds,	405,600.00	Warren Library Fund,	1,000.00	409.62
Union League Club Bonds,	9,000.00	Beneficiaries at Asylum Funds,	74,010.00	
Manufacturing Stocks,	41,400.00	Treadwell Library Fund,	5,000.00	107.85
Bank Stocks,	74,500.00	Lincoln Fund,	85,000.00	
Real Estate Productive,	397,391.64	Funds with Income Unrestricted,	40,000.00	
Railroad Stocks,	25,000.00	Asylum Building Fund,	124,547.31	25,312.84
Notes Receivable,	420,600.00	Convalescent Home Fund,	82,260.66	
Cash,	57,343.15	G. H. Gay Fund,	25,000.00	1,137.50
Reversions (see item "Suspense" on Cr. side),	10.00	General Fund,	1,119,828.30	
C. C. Darling, Balance in Account,	33.70	Permanent Free Beds,	5,000.00	
Edward Cowles, Superintendent,	36,553.28	Suspense (see item "Reversions" on Dr. side),	10.00	
J. H. Whittemore, Resident Physician,	4,737.15	Notes Payable,	3,500.00	
		Subscribers for Free Beds, 1884,	900.00	
		Redman Annuitants,	420.00	
			$2,593,784.76	$30,876.98
			30,876.98	
	$2,624,661.74		$2,624,661.74	

Trial Balance at Close of Business, Dec. 31, 1883.

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

Asylum.— Land and Buildings occupied for Asylum,	$320,794.75	
Superintendent's balance,	36,553.28	
		$357,348.03
Hospital.— Land and Buildings occupied for Hospital,	$520,008.53	
Resident Physician's balance,	4,737.15	
Gay Building,	15,800.23	
		540,545.91
Convalescent Home.— Land and Buildings occupied for Convalescent Home,		60,651.99
Sundries.— Land in Waltham,	$2,352.32	
C. C. Darling, balance in account,	33.70	
Memorandum of expectancies,	10.00	
		2,396.02
		$960,941.95

INVESTMENTS PRODUCING INCOME.

	Policies Mass. Hospital Life Ins. Co.,	$160,000.00
	500 shares Mass. Hospital Life Ins. Co.,	50,000.00
	$22,000 City of Boston Bonds,	22,000.00
	$28,000 Eastern Railroad Co.'s Bonds,	21,700.00
	$1,000 Kansas City & Cameron Railroad Bonds,	1,000.00
	$5,000 Boston & Lowell Railroad 7 per cent. Bonds,	5,000.00
	$5,000 Boston & Albany Railroad 7 per cent. Bonds,	5,000.00
	$100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds,	100,000.00
	$15,000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds,	13,900.00
	$9,000 Union League Club Bonds,	9,000.00
	$100,000 Atchison, Topeka & Santa Fé 7s.,	100,000.00
	$100,000 Atchison, Topeka & Santa Fé 4 1-2s.,	100,000.00
	$29,000 Bur. & Mo. River in Neb., Non-Ex. 6s.,	29,000.00
	$10,000 Bur. & Mo. River in Neb., Exempt 6s.,	10,000.00
	$10,000 Atchison Land Grant 7s.,	10,000.00
	$10,000 Kansas City, Topeka & Western R.R. 1st M. 7s.,	10,000.00
100	Shares Old Colony Railroad Co.,	10,000.00
150	" Boston & Albany Railroad Co,	15,000.00
14	" Merrimack Manufacturing Co.,	14,000.00
1	" Appleton " "	1,000.00
9	" Amory " "	900.00
9	" Amoskeag " "	9,000.00
25	" Great Falls " "	2,500.00
	Amount carried forward,	$699,000.00

Amount brought forward, ...	$699,000.00
5 Shares Boston Manufacturing Co., ...	5,000.00
9 “ Stark Mills, ...	9,000.00
100 “ National Union Bank, ...	10,000.00
70 “ Tremont National Bank, ...	7,000.00
50 “ Old Boston “ “	2,500.00
100 “ Suffolk “ “	10,000.00
50 “ State “ “	5,000.00
100 “ Columbian “ “	10,000.00
100 “ Merchants’ “ “	10,000.00
50 “ New England National Bank, ...	5,000.00
40 “ Massachusetts “ “	10,000.00
50 “ Eagle “ “	5,000.00
Land and Store, 17 Blackstone Street, ...	19,600.00
“ “ “ 168 Washington Street, ...	45,000.00
“ “ House, 61 Dartmouth Street, ...	10,000.00
Redman Mansion Estate, Washington Street, ...	106,000.00
Land and Houses on Warrenton Street, ...	17,700.00
“ “ Store, 496 Washington Street, ...	55,500.00
“ “ Houses on Chambers Street, ...	23,900.00
“ “ “ 42–50 Cross Street, ...	12,691.64
Union Block, Union and Marshall Streets, ...	66,875.00
Robertson House, Hanover Street, ...	40,125.00
Notes secured by Mortgage, ...	260,600.00
$20,000 Notes Phila., Wilmington & Baltimore R.R. Co. .	20,000.00
Notes Receivable, with Personal and Collateral Securities,	140,000.00
$885 Scrip. Delaware Mutual Ins. Co., ...	885.00
Cash deposited in bank at interest, ...	57,343.15
Investments producing Income, ...	$1,663,719.79
Investments producing no Income, ...	960,941.95
The exact foot of Trial Balance, ...	$2,624,661.74

D. R. WHITNEY, *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-TWO YEARS, — 1862 TO 1883.

ORDINARY EXPENSES.

Year.	Cost of Paying Patients.	Cost of Free Patients.	Other Charities.	Total Expenses of		Average cost per week per patient.		Cost over Board.	
	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital	Asylum.	Hospital.	Asylum.
1862	$6,628.65	$35,072.01	$414 15	$42,114.81	$71,823.46	$6.04	$7.27	$36,260.92	$6,640.81
1863	6,151.27	40,575.14	695.30	47,421.71	69,300.63	6.66	6.98	41,109.46	2,170.56
1864	10,224.81	49,286.53	648.21	60,159.55	101,484.38	8.38	9.76	52,445.01	4,523.85
1865	23,119.62	34,131.83	717.35	57,968.80	120,885.84	9.86	12.49	43,121.53	9,507.86
1866	30,086.08	37,538.12	1,162.60	68,786.80	126,015.83	13.88	12.30	53,809.36	558.19
1867	26,086.67	33,758.02	1,164.53	61,009.22	133,844.14	11.28	13.84	44,291.54	....
1868	23,663.50	42,481.71	1,419.26	67,564.47	142,535.36	12.74	16.51	52,893.02	14,642.07
1869	20,128.86	40,736.44	1,373.30	62,238.60	138,132.02	10.14	14.21	48,811.90	....
1870	15,844.35	46,087.42	883.05	62,814.82	134,339.63	10.05	13.83	50,811.01	....
1871	15,266.51	47,126.12	1,133.74	63,526.37	146,191.23	9.96	15.80	52,447.68	9,996.88
1872	12,664.70	56,537.74	1,497.86	70,700.30	153,327.60	10.10	16.93	59,547.91	14,917.57
1873	16,681.66	69,109.97	2,135.29	87,926.92	165,023.79	10.29	19.23	72,435.94	26,404.27
1874	14,198.41	64,266.27	2,634.60	81,099.28	161,934.11	10.13	19.59	67,548.81	2,750.66
1875	10,677.72	71,447.23	1,761.59	83,886.54	165,660.47	9.72	21.07	71,989.93	11,872.47
1876	11,344.58	82,033.60	1,312.94	94,691.12	164,973.80	9.41	19.72	82,027.86	13,019.51
1877	10,833.10	72,678.63	279.16	83,790.89	143,148.94	9.47	15.66	72,957.79	....
1878	11,252.42	85,102.61	588.98	96,944.01	136,394.36	9.87	15.55	83,516.61	....
1879	11,564.44	77,216.88	514.25	89,295.57	117,250.02	10.54	14.30	73,440.58	....
1880	10,529.35	81,085.73	462.82	92,077.90	131,172.69	10.39	16.48	79,280.61	10,078.33
1881	13,462.12	88,241.17	450.51	102,153.80	134,561.14	11.87	16.92	88,268.68	20,719.30
1882	12,947.98	95,642.45	8,928.82*	117,519.25	138,518.26	12.43	17.02	95,684.95	18,172.21
1883	18,389.28	90,665.70	6,575.92†	115,630.90	139,711.39	12.63	16.16	91,213.57	5,376.89
22 years, ...								$1,413,914.67	$171,351.43

* Including Convalescent Home, $8,365.94.

† Including Convalescent Home, $6,204.15.

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1883.

Number of Patients in the Hospital, January 1, 1883.

Paying,	24
Free,	141
Total,	165

Admitted from January 1, 1883, to January 1, 1884.

	Males.	*Females.*	*Total.*
Patients paying board,	271	178	449
Patients paying board part of the time,	49	30	79
Patients entirely free,	947	545	1,492
	1,267	753	2,020

	Medical.	*Surgical.*
Males (Boys, 97),	351	905
Females (Girls, 63),	350	414
	701	1,319

Of these, 2 paid $50 per week; 1 paid $49; 29 paid $35; 1 paid $28; 4 paid $25; 42 paid $21; 1 paid $18; 6 paid $15; 74 paid $14; 4 paid $12; 75 paid $10.50; 9 paid $10; 243 paid $7; 2 paid $6; 18 paid $5; 2 paid $4.50; 2 paid $4; 1 paid $3.50; 8 paid $3; 2 paid $2.

Whole number of patients treated during the year: paying, 473; paying a part of the time, 79; free, 1,633; total, 2,185.

Discharged during the Year.

	Medical.	*Surgical.*	*Male.*	*Female.*	*Total.*
Well,	366	920	809	477	1,286
Much relieved,	112	87	101	98	199
Relieved,	94	95	94	85	179
Not relieved,	40	22	28	33	61
Not treated,	32	80	55	53	108
Dead,	53	113	128	53	181
Insane and eloped,	4	7	7	4	11
	701	1,324	1,222	803	2,025

Number of Patients remaining December 31, 1883.

Males,	97
Females,	63
Total,	160
Paying,	32
Free,	128
Total,	160
Medical,	60
Surgical,	100
Total,	160

Proportion of deaths to whole number of results, 8.93 per cent.

Number of patients received on account of accidents, 432.

The greatest number of paying patients at any one time was 49; in private rooms, 8; the greatest number of free patients, 168; the greatest total, 189. The least number of paying patients at any one time was 15; in private rooms, 3; the least free, 118; the least total, 143. The proportion of ward beds occupied by free patients was 77 per cent.; by paying patients, 23 per cent. About 13.7 of the paying patients occupied private rooms. The average number of patients was 168: males, 105.5; females, 62.5.

The average number of paying patients was 28: Americans, 20; foreigners, 8.

The average number in private rooms was 6.

The average number of free patients was 138: Americans, 70; foreigners, 68.

The average time of paying patients was 2.75 weeks; and that of free patients, 4.80.

Residences.

Boston,	945
Massachusetts (excepting Boston),	953
Maine,	27
New Hampshire and Vermont,	45
Rhode Island and Connecticut,	14
Other States,	10
British Provinces,	26
	2,020

Birthplaces.

Boston,	104
Massachusetts (excepting Boston),	555
Maine,	123
New Hampshire,	83
Vermont,	42
Rhode Island and Connecticut,	34
New York,	37
Southern and Western States,	57
Total Americans,	1,035

British Provinces,	196
Great Britain,	132
Ireland,	562
Germany,	26
Norway and Sweden,	31
France,	7
Western Islands,	
Belgium and Holland,	
Italy,	8
Switzerland,	
Other places,	23
Total Foreigners,	985

Occupations.

Males.	*Paying.*	*Free.*	*Partial Payment.*
Mechanics,	65	233	14
Laborers,	51	430	16
Farmers,	21	22	4
Minors,	22	89	3
Seamen,	17	29	6
Clerks,	18	32	2
Teamsters,	2	32	1
Traders,	10	10	1
Servants,	3	19	1
Lawyers,		1	
Clergymen,	2	2	
Physicians,	4	5	
Merchants,	7	6	
Students,	4	4	
Other professions,	45	33	1
	271	947	49

Total males, 1,267. Of these, 31 were in private rooms.

Females.	*Paying.*	*Free.*	*Partial Payment.*
Domestics,	16	236	8
Minors,	19	46	4
Wives,	98	149	10
Widows,	5	20	
Seamstresses,	13	24	2
Spinsters,	21	17	
Operatives,	3	19	4
Teachers,	2	2	1
Clerks,		3	
Nurses,	1	29	1
	178	545	30

Total females, 753. Of these, 43 were in private rooms.

Sixteen per cent. of the free patients were female domestics; twenty-nine per cent. were laborers; fifteen per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

Phthisis (Consumption),	56
Syphilis,	21
Chronic Ulcers,	20
Scrofula and Abscesses,	18
Insanity and Delirium Tremens,	9
Hip and Spine,	48
Debility and Senility,	19
Chronic Rheumatism,	22
Paralysis,	19
Epilepsy,	7
Cancer,	13
Uterine,	23
Injuries,	13
Of Skin,	15
Contagious,	17
Other diseases,	210
Total,	440

Males,	331
Females,	199
Americans,	443
Foreigners,	187
Residents of Boston,	176
Residents of Massachusetts,	262
Residents of other places,	92

Out-Patients.

Number of new patients,	7,102
Men,	2,596
Women,	3,174
Children,	1,332
Americans,	4,145
Foreigners,	2,957
Residents of Boston,	4,747
Of other places,	2,355
Medical department for women,	1,630
Medical department for men and children,	1,386
Surgical department,	5,285
Ophthalmic department,	980
Dental department,	3,075
Department for diseases of the skin,	1,731
Department for diseases of the nervous system,	1,169
Department for diseases of the throat,	1,175
Total attendance,	16,431

Average daily attendance,	130
Fractures and dislocations,	142
Wounds,	216
Sprains and injuries,	121
Abscesses,	95
Ulcers,	30
Felons,	41
Tumors,	84
Diseases of hip,	17
Diseases of spine,	21
Genito-urinary,	117
Club-foot,	6
Specific,	18
Hernia,	31
Necrosis,	10
Fistula in ano,	5
Diseases of joints,	99
Referred,	75
Miscellaneous,	453

Of the dental patients, 848 had 1,089 teeth filled, 1,459 had 2,299 teeth extracted.

Whole number of new patients in the Out-Patient Department in 1880,	20,566
Whole number of new patients in 1881,	18,443
Whole number of new patients in 1882,	16,304
Whole number of new patients in 1883,	7,102
Whole number refused admission in 1883,	387
Whole number of visits of investigation,	503
Whole number found deserving of charity,	349
Whole number found undeserving of charity,	154

Out-Patient Department open only five months.

Convalescent Home: —

	Males.	*Females.*	*Total.*
Remaining January 1, 1883,	9	6	15
Admitted,	94	93	187
Total,	103	99	202
Discharged,	100	95	191
Remaining January 1, 1884,	3	4	7

Respectfully submitted,

JAMES H. WHITTEMORE,
Resident Physician.

Jan. 1, 1884.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

Articles.	1877.			1878.			1879.			1880.			1881.			1882.			1883.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average
Beef, Sirloin, lbs.	9,100	$1,927.38	.2118	7,729	$1,610.72	.2084	8,375	$1,716.87	.205	8,815	$1,692.99	.1941	8,658	$1,792.20	.207	7,856	$1,931.95	.245	8,793	$1,975.38	.224
" for Soup, "	560	23.80	.0425	132	5.28	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
" Corned, "	5,889	479.54	.0816	4,378	324.72	.07415	123	288.61	.07	4,952	3[illegible]6.64	.07	5,183	367.99	.07	6,522	673.76	.103	6,925½	670.88	.095
" Round, "	9,327	805.85	.0864	11,944	1,016.43	.0851	12,973	1,054.70	.0813	16,414	1,148.98	.07	19,477	1,636.06	.084	19,705	1,976.68	.103	22,327	2,120.83	.095
" Rump, "	6,882	1,163.05	.169	4,158	635.34	.1528	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
" Roasting, "	11,584	1,274.24	.11	14,998	1,349.82	.09	14,141	1,341.98	.0949	16,439	1,643.90	.10	16,438	1,758.86	.107	16,221	2,159.07	.133	16,962	2,047.78	.120
Mutton, . . "	18,416	2,509.04	.13624	15,808	1,903.28	.1204	12,592	1,385.12	.11	15,522	1,876.60	.1208	21,093	2,720.99	.129	16,365	2,216.01	.135	21,075	2,999.89	.142
Poultry, . . "	13,509	2,475.65	.184	14,079	2,276.57	.1617	14,488	2,433.98	.168	13,682	2,123.44	.1552	13,562	2,278.41	.168	12,082	2,348.41	.195	10,263	2,318.56	.225
Butter, . . . "	10,056	2,644.72	.263	10,156	2,500.40	.2462	10,526	2,589.39	.246	11,011	3,366.06	.3057	11,129	3,505.63	.315	16,843	3,770.97	.221	10,468	3,329.97	.317
Eggs, . . doz.	4,608	967.68	.21	5,495	967.12	.176	4,392	843.26	.192	4,214	866.39	.2056	4,401	1,188.27	.26	5,234	1,470.59	.281	5,479	1,491.60	.272
Flour, . . bbls.	40	362.48	9.062	42	323.82	7.71	37	266.80	7.40	51	440.15	8.65	49	468.73	9.565	49	459.25	9.937	52	406.00	7.80
Bread, . . . lbs.	34,343	1,717.15	.05	35,800	1,790.00	.05	36,556	1,827.80	.05	40,536	2,026.80	.05	34,892	1,744.60	.05	35,340	1,943.70	.055	34,971	1,923.42	.055
Ice, . . . tons.	180⅓	627.54	3.48	238½	808.25	3.333	271¾	714.70	2.63	280¼	1,297.56	4.63	305	887.55	2.91	352¾	737.72	2.209	380⅒	679.27	1.78
Sugar, . . . lbs.	10,592	982.88	.0928	12,979	1,023.65	.0781	15,462	1,189.32	.769	21,005	2,003.87	.0954	20,552	1,901.06	.09	22,192	2,021.57	.091	20,980	1,801.38	.086
Tea, ... lbs.	593	222.96	.376	738	254.61	.345	848	337.82	.398	1,134½	471.95	.416	555	244.22	.44	1,114	446.85	.401	1,074	432.60	.402
Milk, . . . qts.	97,594	4,879.70	.05	107,618	5,380.90	.05	96,186	4,934.34	.0513	89,904½	4,495.22½	.05	92,350	4,617.50	.05	95,358	5,007.70	.052	106,032	5,637.78	.053
Potatoes, . bush.	909	915.36	1.007	973	964.61	.77	942	1,010.76	1.073	1,039½	902.58	.868	981	1,101.66	1.125	1,005	1,374.72	1.368	1,062½	1,129.15	1.063

THE AMBULANCE

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness*, *not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JAMES H. WHITTEMORE,
Resident Physician,
Mass. Gen. Hospital, *Blossom St.*

SIXTY-SIXTH ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE MCLEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1883.

To the Trustees of the Massachusetts General Hospital:

Gentlemen,— The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1883, is respectfully presented:—

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, Jan. 1, 1883, . . .	74	93	167
Admissions within the year, ...	48	61	109
Whole number of *cases* within the year, . .	122	154	276
Discharged within the year, ...	52	59	111
Namely,—as Recovered, ...	18	19	37
Much improved, ...	5	11	16
Improved, ...	7	4	11
Unimproved, ...	12	18	30
Deaths, ...	10	7	17
Patients remaining Dec. 31, 1883, supported as private patients, ...	70	95	165
Number of different *persons* within the year,	119	151	270
" " " " admitted, . . .	48	59	107
" " " " recovered, . .	18	19	37
Daily average number of patients, ...	69.20	94.65	163.85

During the year, two women were twice admitted, one of whom, once discharged recovered, and once much improved, was a voluntary patient on both occasions, and is still under treatment; and the other, also a voluntary patient, was discharged not improved, and afterward committed in the regular way.

Two men, after being discharged improved and much improved, were admitted and again discharged, not improved and improved respectively. Another man was admitted having been previously discharged not improved. Thus there were two hundred and seventy-six cases treated, representing two hundred and seventy persons.

Of the one hundred and seven persons admitted, sixty-seven were regarded as recent cases and forty as chronic, or as incurable at the time of admission.

Seventy-five persons, thirty-four men and forty-one women, had never been in any hospital. Of the remaining thirty-two persons, eighteen, seven men and eleven women, were admitted for the second time; seven, five men and two women, for the third time; three, two men and one woman, for the fourth time.

Thirty-four cases, representing thirty-three persons, ten men and twenty-three women, were admitted as voluntary patients upon their written applications. Two of the men were not insane: one, a case of the opium habit, was discharged recovered; and the other, of alcoholism, was discharged improved. Of the remaining thirty-one persons, twenty-five, five men and twenty women, were cases of melancholia; four, one man and three women, were cases of mania; and two men were cases of general paralysis. Of these voluntary patients, three, one man and two women, were committed while still resident at the Asylum; and one woman, already referred to, was discharged, and afterwards returned under a commitment. Eleven of the thirty-four voluntary cases, two men and nine women, were discharged within the year recovered; four more, two men and two women, as improved or much improved; and two men and one woman as not improved.

There are remaining in the Asylum, under the voluntary relation, fifteen persons, three men and twelve women, who entered during the year. Eleven of these voluntary patients had formerly been inmates of the Asylum.

There were twenty-seven more admissions, forty-one more discharges, and thirty-nine more cases under treatment than during the year 1882; and the number present was two less at the end than at the beginning of the year.

Of the one hundred and eight persons discharged, including deaths, nineteen were transferred to other hospitals, five men and thirteen women to those in this State, and one woman to a State hospital in Virginia.

Of the thirty-seven persons discharged recovered, twenty-six had never before been inmates of any hospital; and, of the remaining eleven persons, nine had been in this Asylum. These eleven persons had previously made twenty recoveries, three of which were at other hospitals.

The average duration of illness, from the beginning of attack, of all cases recovered, was 13.39 months; and the average duration of their hospital residence was 8.32 months.

The percentage of recoveries on admissions was 33.94. The number of recoveries was larger by eleven than in the previous year.

Of the seventeen deaths during the year, three were of elderly persons who had been many years in the Asylum, and died of senility and senile gangrene. Five persons died of general paralysis, six of exhaustion from mania and melancholia, two of pneumonia, and one of hystero-epilepsy and syncope. Two of the deaths were of persons between seventy and eighty years old and two between eighty and ninety years.

The results of the year and those just preceding show that the Asylum, in common with the State hospitals, has felt the demand for increased accommodations for the insane. During the last three years, the increase has been constant in the numbers admitted, treated, recovered, and discharged. The average number present at any one time has not been much increased, and the results have been gained by a more rapid movement of the population. This has no doubt been promoted by the practice of free visiting of friends to patients and of the latter to their homes. The home visits, begun early in suitable cases, at first brief, and then gradually prolonged, have undoubtedly a positive curative influence. It being the general understanding among the patients that such visits can be made, they are thereby strongly encouraged to make such efforts in the direction of self-control and good conduct as will render the visits possible.

In connection with this practice, and contributing with it in a curative way to the common result, by promoting a feeling of mutual confidence among all concerned, the marked success of the voluntary system becomes a noteworthy feature of the operations of the year. According to the report of the Board of Health, Lunacy, and Charity for the year 1882, there were admitted in that year twenty-three voluntary cases to all the hospitals and asylums in the State. Eleven of them were at this Asylum; and this number was increased to thirty-four admissions of such cases as before stated during the past year, equal to nearly one-third of all the admissions for the year. Omitting those not insane, the remaining thirty-one persons, only four of whom were afterwards committed in the regular way, afforded eleven recoveries; and others are doing well.

These voluntary cases not having been pronounced insane by a formal examination and commitment, a question arises as to their diagnoses and classification. Cases of nervous disease with mild or impending mental disturbance might be included with those designated as "not insane"; but to report them in that way might imply the presence in a hospital for the insane of persons discovered to be not properly there, and thus deprive the hospital of credit due for the most satisfactory of all its work, — the saving of the patient from worse illness or his early cure.

For purposes of classification, the thirty-one cases under consideration are treated as insane. Some of them had been in hospital before,— eleven in this Asylum. Of these readmissions, some were saved from the impending attacks; and others became worse after admission, as was to have been expected. The same was true of others for whom it was their first admission. Others were subjects of suicidal impulse without delusions, who understandingly sought self-protection in the Asylum. The comparatively mild melancholia that also characterized some of these cases was all the disturbance that appeared in a few remaining ones. Some of the cases would have been good ones for home treatment, had circumstances permitted it; but still there were those who were undoubtedly benefited by removal from home to new surroundings and by the influences of the Asylum.

The presence in the house of voluntary cases in increasing numbers has a good effect, particularly upon new comers, who, influenced by example, become sooner wonted to their residence here. It is to be said, however, that sometimes the indecision of patients as to whether to remain or go away is not beneficial; but, on the other hand, it is not the least of the advantages of the system that it makes hospital people careful and attentive to such patients in endeavoring to make them contented, and not only are their mutual relations modified, but those of the friends of patients to the hospital are more satisfactory. It has been suggested that "it is a question how far these admissions will be strictly voluntary, if the number become large; for the will of an insane person is often but the will of some stronger person for the time being." While this is undoubtedly true of some cases, it is probable that seeking hospital care was as purely voluntary in most of these cases as voluntary acts usually are that are products of unfortunate necessity, under the persuasion or advice of friends upon whom the invalid leans under such circumstances. But, of the cases of which the above statement is true; it is only according to the natural order of things that it should be so; for most persons who are seriously ill do submit, as it is reasonable they should, to such guidance by friends, who also have rights that should be considered in this matter. It is a valuable consideration, also, that, when a sick insane person is persuaded to go to a hospital, it involves at least the necessity of giving the patient an understanding of the purposes of his friends and the reasons for them. As the number of these admissions becomes larger here, they do not appear to be less strictly voluntary; but the fact that there is a number of such cases in the Asylum has an influence in persuading others who need hospital care to more willingly follow the example.

Much benefit was derived from the occupation of a cottage at the seashore in Lynn during four months, from June to October. Six ladies spent all or a part of the season there; and, communication by railroad being easy, nearly every week parties of ladies were sent to spend the afternoon there, and to dine or take tea. This usually included some pleasant hours spent in strolling on the beach or sitting on the rocks, and was altogether a source of much pleasure and benefit.

Some repairs and alterations have been made during the year, of the kind noticed in previous reports, for the purpose of improving and making more pleasant some of the wards and rooms. All the windows of the first and second stories of the two principal buildings of the department for women have had the bars removed, and their removal from those of the third story is in progress. Similar changes have been begun in one of the men's wards.

In the matter of improving the nursing service by introducing a Training School system, progress has been made; and the employment of women as nurses in the men's wards continues to meet with unqualified success.

The usual means have been employed for the occupation and entertainment of the patients. There have been the usual concerts, exhibitions, and dancing parties; and the daily drives and visits to places of interest have formed an important part of the outdoor recreation.

Special thanks are due to Mr. S. D. Warren for the gift of a Steinway piano, and the interest manifested in the Asylum by other friends is gratefully remembered. Very respectfully,

EDWARD COWLES,
Superintendent.

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

Months.	Admissions.			Discharges (including Deaths).			Daily Average of Patients in the House.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
January, . .	2	3	5	. .	1	1	71.97	93.32	165.29
February, .	4	3	7	3	4	7	75.11	90.68	165.79
March, . .	5	4	9	4	. .	4	71.87	93.13	165.
April, . . .	4	5	9	6	4	10	71.56	94.47	166.03
May, . . .	3	7	10	4	8	12	73.41	94.69	168.10
June, . . .	4	7	11	6	3	9	70.70	98.67	169.37
July, . . .	1	7	8	6	2	8	64.51	98.88	163.39
August, . .	5	3	8	4	7	11	59.32	95.39	154.71
September, .	6	8	14	4	8	12	65.50	93.20	158.70
October, . .	2	7	9	2	7	9	66.87	94.71	161.58
November, .	7	5	12	4	6	10	70.13	95.97	166.10
December, .	5	2	7	9	9	18	69.52	92.67	162.19
Total *cases*, .	48	61	109	52	59	111	69.20	94.65	163.85
" *persons*,	48	59	107	50	58	108	. .	. .	. .

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

Number of Admissions.	Cases admitted.			Times previously recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	34	41	75	2	6	8
Second, ...	7	12	19	1	7	8
Third, ...	5	2	7	2	5	7
Fourth, ...	2	1	3	. .	3	3
Fifth, ...	. .	2	2	. .	4	4
Seventh, ...	. .	1	1	. .	6	6
Twelfth, ...	. .	1	1	. .	2	2
Thirteenth, . . .	. .	1	1	. .	. .	. .
Total of *cases*, . .	48	61	109	5	33	38
Total of *persons*, .	48	59	107	. .	. .	. .

These 38 recoveries represent 22 persons, 14 having recovered one, 4 two, 2 three, 1 four, and 1 six times.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

Ages.	At first attack of Insanity.			When admitted.		
	Males	Females.	Total.	Males.	Females.	Total.
15 years and less,	. .	. .	. .	. .	. .	. .
From 15 to 20 yrs.,	. .	1	1	. .	. .	. .
" 20 to 25 "	4	8	12	3	5	8
" 25 to 30 "	1	7	8	1	9	10
" 30 to 35 "	4	6	10	4	6	10
" 35 to 40 "	8	4	12	6	5	11
" 40 to 50 "	3	10	13	4	10	14
" 50 to 60 "	7	5	12	9	6	15
" 60 to 70 "	6	. .	6	5	. .	5
" 70 to 80 "	1	. .	1	2	. .	2
Total of *persons*,	34	41	75	34	41	75

TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

Places of Nativity.	Males.		Females.		Total.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine, ...	5	7	6	6	11	13
New Hampshire, .	4	3	8	5	12	8
Vermont, ...	3	4	2	. .	5	4
Massachusetts, . .	20	18	28	35	48	53
Rhode Island, . .	. .	. .	1	. .	1	. .
Connecticut, . . .	1	1	. .	. .	1	1
New York, . . .	1	1	2	1	3	2
Pennsylvania, . .	2	2	. .	. .	2	2
Virginia, ...	1	1	. .	. .	1	1
Minnesota, . . .	1	1	. .	. .	1	1
Washington, D.C.,	. .	. .	1	1	1	1
England, ...	2	2	3	3	5	5
Germany, ...	1	1	1	1	2	2
Ireland, ...	6	6	3	3	9	9
New Brunswick, .	. .	. .	1	1	1	1
Nova Scotia, . . .	. .	. .	2	2	2	2
Poland, ...	. .	. .	1	1	1	1
Surinam, ...	1	1	. .	. .	1	1
Total of *persons*, .	48	48	59	59	107	107

TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

Places.	Males.	Females.	Total.
Massachusetts: —			
Suffolk County,	17	24	41
Middlesex County,	10	19	29
Essex County,	7	7	14
Norfolk County,	2	. .	2
Barnstable County,	1	2	3
Plymouth County,	1	2	3
Bristol County,	. .	2	2
Hampden County,	. .	1	1
Hampshire County,	. .	1	1
New Hampshire,	1	. .	1
Vermont,	2	. .	2
New York,	4	1	5
Pennsylvania,	1	2	3
Minnesota,	1	. .	1
Colorado,	1	. .	1
Total of *cases*,	48	61	109
Total of *persons*,	48	59	107

TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,	11	22	33	19	15	34	4	4	8
Second,	3	5	8	3	6	9	1	1	2
Third,	2	2	4	3	. .	3	. .	. .	. .
Fourth,	. .	. .	. .	1	1	2	1	. .	1
Fifth,	. .	2	2	. .	. .	. .	. .	. .	. .
Seventh,	. .	1	1	. .	. .	. .	. .	. .	. .
Twelfth,	. .	. .	. .	. .	. .	. .	. .	1	1
Thirteenth,	. .	. .	. .	. .	. .	. .	. .	1	1
Total *cases*,	16	32	48	26	22	48	6	7	13
Total *persons*,	16	32	48	26	21	47	6	6	12

TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

Occupations.	Males.	Females.	Total.
Housewife,	. .	23	23
Clerk,	5	2	7
Manufacturer,	1	. .	1
Merchant,	15	. .	15
Farmer,	2	. .	2
Student,	. .	1	1
Teacher,	1	6	7
Lawyer,	4	. .	4
Physician,	3	. .	3
Clergyman,	2	. .	2
Musician,	. .	1	1
U.S. Consul,	1	. .	1
Mechanic,	9	. .	9
Seamstress,	. .	1	1
Servant,	. .	2	2
No occupation,	5	23	28
Total of *persons*,	48	59	107

TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	. .	. .	. .	. .	. .	. .	. .	. .	. .
Under 1 mo.,	13	7	20	1	6	7	14	13	27
Fr. 1 to 3 mo.,	5	13	18	1	5	6	6	18	24
“ 3 “ 6 “	1	10	11	. .	1	1	1	11	12
“ 6 “ 12 “	6	5	11	2	1	3	8	6	14
“ 1 “ 2 yrs.,	6	4	10	3	1	4	9	5	14
“ 2 “ 5 “	1	1	2	4	5	9	5	6	11
“ 5 “ 10 “	1	. .	1	3	1	4	4	1	5
“10 “ 20 “	1	. .	1	. .	. .	. .	1	. .	1
“20 “ 30 “	. .	1	1	. .	. .	. .	. .	1	1
Total *cases*,	34	41	75	14	20	34	48	61	109
Total *persons*,*	. .	. .	. .	14	18	32	48	59	107
Average of known persons (in years),	1.23	.58	.87	2.74	1.57	2.09			

* Two persons not insane.

TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

Form of Disease.	Males.	Females.	Total.
Mania, acute,	9	16	25
Mania, chronic,	6	4	10
Mania, puerperal,	. .	1	1
Mania, recurrent,	1	2	3
Melancholia, acute,	16	28	44
Melancholia, chronic,	2	3	5
Dementia, chronic,	2	6	8
Dementia, senile,	2	. .	2
General paralysis,	8	. .	8
Opium habit,	1	. .	1
Alcohol habit,	1	. .	1
Hystero-epilepsy,	. .	1	1
Total of *cases*,	48	61	109
Total of *persons*,	48	59	107

TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

Causes.	Males.	Females.	Total.
Mental.			
Grief,		3	3
Anxiety,	12	9	21
Physical.			
Ill-health,	7	15	22
Overwork,	6	4	10
Constitutional,	2	7	9
Change of life,	. .	4	4
Child-birth,	. .	1	1
Lactation,	. .	1	1
Uterine disease,	. .	1	1
Epilepsy,	2	. .	2
Sunstroke,	1	. .	1
Alcohol,*	3	. .	3
Opium,*	1	1	2
Apoplexy,	. .	1	1
Senility,	2	. .	2
Unknown,	12	14	26
Total of *cases*,	48	61	109
Total of *persons*,	48	59	107

* Two of these persons not insane.

TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

	Males.	Females.	Total.
Never before in any Hospital,	34	41	75
Former inmates of this Hospital,	7	10	17
Former inmates of other Hospitals in this State: —			
Danvers,	1	. .	1
South Boston,	1	. .	1
Worcester,	1	. .	1
Private Asylum,	. .	2	2
Former inmates of Hospitals in other States,	1	3	4
Former inmates of this Hospital and of other Hospitals in this State: —			
Danvers,	1	. .	1
Private Asylum,	1	. .	1
Former inmates of this Hospital and of Hospitals in other States,	1	5	6
Total of *cases*,	48	61	109
Total of *persons*,	48	59	107

TABLE No. 13.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,*	15	10	25	4	7	11	4	1	5	8	16	24	8	5	13	39	39	78
Second,	2	5	7	1	2	3	2	. .	2	2	2	4	. .	1	1	7	10	17
Third,	1	1	2	. .	. .	. .	. .	. .	. .	1	. .	1	2	. .	2	4	1	5
Fourth,	. .	. .	. .	. .	1	1	1	1	2	1	. .	1	. .	1	1	2	3	5
Fifth,	. .	1	1	. .	. .	. .	. .	1	1	. .	1	1	. .	. .	. .	. .	3	3
Seventh,	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Eleventh,	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Twelfth,	. .	. .	. .	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Total of *cases*,	18	19	37	5	11	16	7	3	10	12	19	31	10	7	17	52	59	111
Total of *persons*,	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	50	58	108

* Two of these persons not insane.

TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	8	8	16	. .	. .	. .	. .	. .	. .
Fr. 1 to 3 mo.,	2	5	7	8	3	11	3	1	4
" 3 " 6 "	4	4	8	4	5	9	6	3	9
" 6 " 12 "	1	1	2	4	7	11	2	8	10
" 1 " 2 yrs.,	2	1	3	2	3	5	5	6	11
" 2 " 5 "	1	. .	1	. .	. .	. .	2	. .	2
" 5 " 10 "	. .	. .	. .	. .	1	1	. .	1	1
Total *persons*,*	18	19	37	18	19	37	18	19	37
Average of known cases (in months),	6.48	3.75	5.08	5.41	11.06	8.32	12.79	13.96	13.39

* One of these persons not insane.

TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	3	3	6	3	3	6	1	3	4
Fr. 1 to 3 mo.,	1	. .	1	2	1	3	2	. .	2
" 3 " 6 "	1	1	2	1	. .	1	. .	. .	. .
" 6 " 12 "	2	2	4	1	. .	1	. .	. .	. .
" 1 " 2 yrs.,	3	. .	3	1	. .	1	3	. .	3
" 2 " 5 "	. .	1	1	1	1	2	3	2	5
" 5 " 10 "	. .	. .	. .	. .	1	1	. .	1	1
" 10 " 15 "	. .	. .	. .	1	. .	1	1	. .	1
" 20 " 25 "	. .	. .	. .	. .	1	1	. .	1	1
Total, . .	10	7	17	10	7	17	10	7	17
Average of known cases (in months),	8.37	10.07	9.07	21.37	58.91	36.75	30.03	68.68	45.94

TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females	Total.
Mania, acute, ...	8	7	15	2	1	3
Mania, chronic, . . .	. .	. .	. .	1	1	2
Melancholia, acute, .	9	12	21	. .	2	2
Melancholia, chronic, .	. .	. .	. .	1	. .	1
Dementia, chronic, . .	. .	. .	. .	1	1	2
Dementia, senile, . .	. .	. .	. .	1	. .	1
General Paralysis, . .	. .	. .	. .	4	1	5
Hystero-epilepsy, . .	. .	. .	. .	. .	1	1
Opium habit,* . . .	1	. .	1	. .	. .	. .
Total of *cases*, . . .	18	19	37	10	7	17
Total of *persons*, . .	18	19	37	10	7	17

* Not insane.

TABLE No. 17.

CAUSES OF DEATH.

Causes.	Males.	Females	Total.
Cerebral Disease.			
General Paralysis, ...	4	1	5
Exhaustion from Mania, ...	3	. .	3
Exhaustion from Melancholia, ...	1	2	3
Hystero-epilepsy, ...	. .	1	1
Other Causes.			
Pneumonia, ...	1	1	2
Senile Gangrene, ...	. .	1	1
Senility, ...	1	1	2
Totals, ...	10	7	17

TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

Number of the Admission.	Recovered.			Much Improved.			Improved.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Second, ...	. .	4	4	2	. .	2	. .	. .	. .	2	4	6
Third, ...	1	1	2	. .	. .	. .	. .	. .	. .	1	1	2
Fifth, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Seventh, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Eleventh, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Total of *persons*, .	1	8	9	2	. .	2	. .	. .	. .	3	8	11

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*This classification is based upon the result of the admission next preceding the last, in each case respectively.

TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, ...	. .	. .	. .	. .	. .	. .
Under 1 month, .	1	3	4	2	3	5
From 1 to 3 months,	2	. .	2	2	. .	2
" 3 " 6 "	. .	. .	. .	1	. .	1
" 6 " 12 "	. .	. .	. .	1	1	2
" 1 " 2 years,	3	. .	3	2	. .	2
" 2 " 5 "	3	2	5	1	1	2
" 5 " 10 "	. .	1	1	. .	1	1
" 10 " 15 "	1	. .	1	1	. .	1
" 25 " 30 "	. .	. .	. .	. .	1	1
" 50 " 55 "	. .	1	1	. .	. .	. .
Total, ...	10	7	17	10	7	17
Average of known *cases* (in months),	31.15	117.18	66.57	23.42	62.28	39.42

TABLE No. 20.

AGES OF THOSE WHO DIED.

Ages.	At time of the first attack.			At time of death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 20 to 25 yrs.,	. .	1	1	. .	. .	. .
" 35 " 40 "	4	3	7	3	2	5
" 40 " 50 "	1	1	2	2	2	4
" 50 " 60 "	3	1	4	1	1	2
" 60 " 70 "	1	. .	1	2	. .	2
" 70 " 80 "	1	1	2	2	. .	2
" 80 " 90 "	. .	. .	. .	. .	2	2
Total, ...	10	7	17	10	7	17

TABLE No. 21.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

From its Opening, October 6, 1818, to December 31, 1883, Inclusive.

Years.	Admitted.	Discharged.	Whole No. under care.	Died.	Much improved, etc.	Recovered.	Remaining at end of year.	Average No. of Patients.
1818–25	398	344	623	29	205	110	279	. .
1826	47	46	101	5	21	20	55	. .
1827	58	56	113	5	17	34	57	. .
1828	77	65	134	5	37	23	69	. .
1829	73	77	142	9	42	26	65	. .
1830	82	78	147	10	34	34	69	. .
1831	83	84	152	8	46	30	68	. .
1832	94	98	162	10	45	43	64	. .
1833	103	100	167	8	50	42	67	. .
1834	108	95	174	7	47	41	80	. .
1835	83	84	163	11	28	45	77	. .
1836	106	112	183	10	38	64	71	. .
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	48	19	151	157
1880	51	48	202	6	30	12	154	152
1881	66	65	220	14	37	14	155	150
1882	82	70	237	8	36	26	167	156
1883	109	111	276	17	57	37	165	164
	6,713	6,548		961	2,765	2,822		

TABLE No. 22.

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY YEARS,—1864-1883.

	Applications.	Admissions.		American.		Foreign.		Not admitted.	Discharged, cured, relieved, or improved.		Percentage of same on Admissions.		Died.			Whole number under care in the year.		Number of free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any one time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		Average time in weeks Paying and Free at Hospital.		Out-Patients.
Years.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3.7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5.1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	681	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3.4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3.9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3.1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3.3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80.80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	32	81.53	62.7	151	6	351	2284	202	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566
1881	2786	2106	66	1074	57	1032	9	680	1853	37	82.19	56	189	14	391	2270	220	1835	419	26	195	161	139	147	166	150	168	39	2.79	4.41	18443
1882	2587	2147	82	1127	73	1020	9	440	1775	47	87.83	57.3	177	8	348	2302	237	1876	399	12	195	166	143	149	168	156	167	35	2.84	4.41	16304
1883	2460	2020	109	1035	93	985	16	440	1664	63	82.33	57.8	181	17	432	2185	276	1633	473	79	189	171	143	151	168	164	168		2.75	4.80	*7102

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*Out-Patient Department open only five months.

TABLE No. 23.

TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

Articles.	1880.			1881.			1882.			1883.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, ... lbs.,	57,462	$6,625.64	.115	56,835½	$6,467.14	.1137	57,936½	$7,869.37	.1358	67,534	$8,604.15	.1274
Mutton and Lamb, "	19,794½	2,107.14	.106	23,583	2,308.16	.0978	20,340	2,104.57	.1034	23,280	2,406.70	.1033
Veal, ... "	12,288	1,372.34	.111	19,707	1,846.00	.094	13,367	1,445.17	.108	10,401	1,173.42	.1128
Poultry, ... "	23,714½	3,726.80	.157	20,052¾	3,517.55	.175	18,946	3,815.64	.201	11,324	2,422.44	.213
Ham, etc., ...	8,932½	899.85	.1007	10,148¼	1,087.55	.107	9,724¼	1,234.90	.126	7,970	1,043.39	.13
Eggs, ... doz.,	11,295	2,337.09	.2069	11,523	3,084.19	.269	11,153½	3,143.77	.277	10,758	3,009.04	.279
Lard, ... lbs.,	1,849	159.24	.086	2,093	244.44	.1167	1,041	133.08	.127	1,680	186.75	.111
Flour, ... bbls.,	418	3,296.63	7.886	413	3,219.16	7.794	455	3,767.15	8.279	507	3,690.67	7.279
Butter, ... lbs.,	19,511¾	5,405.80	.277	21,979¾	6,163.79	.2804	20,780	6,276.21	.302	21,612	5,939.32	.274
Coffee, ... "	4,124	1,212.62	.294	3,841	945.95	.246	3,955	944.80	.2388	3,530	862.57	.244
Tea, ... "	1,492½	486.41	.325	1,609	513.58	.319	1,522	501.31	.3294	1,406	460.54	.327
Sugar, ... "	24,330	2,290.05	.094	24,932	2,338.88	.0938	26,489½	2,462.13	.0929	27,672	2,421.10	.874
Lights, Gas, etc., feet,	....	2,515.78	....	....	2,771.42	....	....	3,858.49	....	....	3,379.25	....
Coal, ... tons,	$1{,}158\frac{1620}{2000}$	5,972.06	5.15	$1{,}099\frac{350}{2000}$	6,635.44	6.036	$1{,}200\frac{252}{2000}$	7,284.95	6.07	$1{,}022\frac{1050}{2000}$	6,303.39	6.164
Wood, ... cords,	25⅛	219.84	8.75	15	140.70	9.38	14¼	103.31	7.25	8½	55.25	6.50
Ice, ... tons,	$462\frac{1560}{2000}$	2,069.31	4.47	$366\frac{300}{2000}$	849.88	2.33	$423\frac{1600}{2000}$	759.46	1.79	$481\frac{100}{2000}$	841.79	1.75

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1882.

ear.	Total admitted.	Free.	Paying Board all the time.	Paying part of the time.	Whole Number treated.			Discharged well.	Percentage on "Total admitted."	Much relieved, or relieved in part.	Not relieved.	Not treated, unfit dismissed, etc.	Deaths.	Percentage on "Total admitted."	Greatest number free at one time.	Greatest number paying at one time.	Greatest total.	Least total.	Average	Accidents.	Percentage.	Average time of Paying Weeks.	Average time of Free Weeks.	Patients remaining under treatment Dec. 31.		Out-Patients treated.
					Paying Board.	Paying Board part of time.	Free.																	Paying.	Free.	
21 to 1843	8727	3733	4482	512	..	..	..	3991	..	2902	913	105	624	..	..	..	123	54	..	..	..	..	..			
1843	365	183	167	15	..	..	..	136	37	115	55	17	41	11	..	..	56	33	47*	..	..	4	6			
1844	435	250	174	11	..	..	..	183	43	137	41	23	47	11	..	30	71	40	53	55	12*	3 6-7	7 1-7			
1845	453	265	176	12	..	..	..	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	..	..	..	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	..	..	..	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	..	..	328
1848	804	460	283	61	..	..	..	400	50	219	52	39	103	13	86	38	124	94	108	103	12*	3 1-7	5	..	..	378
1849	870	543	273	54	..	..	..	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	..	..	272
1850	746	427	242	77	..	..	..	363	48	200	56	49	76	10	103	33	136	83	108	98	13	2 6-7	6	..	..	294
1851	839	477	298	64	..	..	..	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	..	..	237
1852	826	472	271	83	..	..	..	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	..	..	248
1853	925	505	335	85	..	..	..	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	..	..	358
1854	922	490	321	111	..	..	..	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	..	..	477
1855	915	416	352	147	..	..	..	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	.	..	645
1856	976	545	335	96	..	..	..	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	..	..	887
1857	920	549	280	91	..	..	..	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	..	..	1574
1858	1015	718	251	46	..	..	..	514	50	229	65	50	127	13	120	31	144	91	123	186	18*	4	7*	..	..	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1199	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	5619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	50	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9.36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	840	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140		3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178		3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259		3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291		3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234		2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285		2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7.86	182	36	210	163	185	245		3.22	5.73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147		2.84	5 54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200		2.80	5 27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222		2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	151	7.16	165	35	188	156	170	351		2.58	4 53	17	157	20566
1881	2106	1678	402	26	419	26	1835	1324	62	429	70	103	189	8.96	168	39	195	139	166	391		2.79	4.41	15	140	18443
1882	2147	1736	399	12	414	12	1876	1312	61	463	59	13	177	8.13	167	35	195	143	168	348		2.84	4.41	24	141	16304
1883	2020	1492	449	79	473	79	1633	1286	63	378	61	108	181	8 93	168	49	189	143	168	432		2.75	4 80	32	128	7102*
	60677							22724		15248	3612	3325	5286													277667*

*Out Patient Department open only five months.

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1884.

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HENRY B. ROGERS.

Vice-President.

AMOS A. LAWRENCE.

Treasurer.

FRANKLIN HAVEN, Jr., 28 State Street.

Secretary.

THOMAS B. HALL, 75 State Street.

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*CHARLES V. BEMIS, Medford, Mass.
E. FRANCIS BOWDITCH, Framingham, Mass.
EDMUND DWIGHT, 60 State Street.
WILLIAM ENDICOTT, Jr., 10 Mt. Vernon Street.
GEORGE S. HALE, 39 Court Street.
*HENRY P. KIDDER, 113 Devonshire Street.
CHARLES J. MORRILL, 11 Arlington Street.
*THOMAS E. PROCTOR, 106 High Street.
NATHANIEL THAYER, 21 Sears Building.
*SAMUEL D. WARREN, 67 Mt. Vernon Street.
ROGER WOLCOTT, 8 Pemberton Square.

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D. H. STORER, M.D.
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MORRILL WYMAN, M.D.
SAMUEL CABOT, M.D.

* Appointed by the Governor of the Commonwealth.

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Visiting Physicians.

George C. Shattuck, M.D.
Francis Minot, M.D.
Samuel L. Abbot, M.D.
George G. Tarbell, M.D.
Wm. L. Richardson, M.D.
Edward N. Whittier, M.D.

Visiting Surgeons.

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John Collins Warren, M.D.
Henry H. A. Beach, M.D.
John Homans, M.D.

Physicians to Out-Patients.

David H. Hayden, M.D.
Elbridge G. Cutler, M.D.
F. Gordon Morrill, M.D.
Frederick C. Shattuck, M.D.

Surgeons to Out-Patients.

Arthur T. Cabot, M.D.
Maurice H. Richardson, M.D.
George W. West, M.D.

Physician to Out-Patients with diseases of the Skin.

James C. White, M.D.

Physician to Out-Patients with diseases of the Nervous System.

James J. Putnam, M.D.

Physicians to Out-Patients with diseases of the Throat.

Frederick I. Knight, M.D.
S. W. Langmaid, M.D.

Ophthalmic Surgeon to Out-Patients.

Oliver F. Wadsworth, M.D.

Dental Surgeon.

Virgil C. Pond, D.M.D.

Microscopist, and Curator of the Pathological Cabinet.

REGINALD H. FITZ, M.D.

Chemist.

EDWARD S. WOOD, M.D.

Artist.

HENRY P. QUINCY, M.D.

Medical House Pupils, 1883–84.

HERBERT W. NEWHALL. JOHN T. BOWEN.

Surgical House Pupils, 1883–84.

FRED. M. BRIGGS. WILLIAM M. CONANT.
CHARLES W. GALLOUPE. OSCAR J. PFIEFFER.

Matron.

Miss G. L. STURTEVANT.

Apothecary.

JOHN W. PRATT.

OFFICERS OF THE McLEAN ASYLUM.

Superintendent.

EDWARD COWLES, M.D.

1*st Assistant Physician.*

GEORGE T. TUTTLE, M.D.

2*d Assistant Physician.*

FREDERICK M. TURNBULL, M.D.

Medical House Pupils.

I. P. DANA. J. H. POTTS.

Purveyor.

JOHN P. BRADBURY.

Superintendent of Nurses.

Miss M. F. PALMER.

Clerk.

Miss F. E. GILBERT.

Supervisors.

E. W. BOARDMAN. Miss L. E. WOODWARD.

Apothecary.

D. W. SPENCE.

VISITING COMMITTEE.

January and July.

Messrs. Dwight and Bowditch.

February and August.

Messrs. Eliot and Thayer.

March and September.

Messrs. Hale and Warren.

April and October.

Messrs. Bemis and Proctor.

May and November.

Messrs. Kidder and Wolcott.

June and December.

Messrs. Morrill and Endicott.

LADIES' VISITING COMMITTEE.

January and February.

Miss E. Gray.
Miss E. Goodwin.

March.

Mrs. J. F. Andrew.
Miss T. Dodge.

April.

Mrs. Andrew.
Miss M. Curtis.
Miss Dodge.
Miss E. M. Eliot.

May.

Miss Curtis.
Miss Eliot.

June and October.

Mrs. S. Eliot.
Miss J. G. Beal.

November and December.

Mrs. H. W. Haynes.
Miss A. W. Morrill.

STANDING COMMITTEES.

On admitting Asylum Patients.

Messrs. Warren and Dwight.

On Finance.

Messrs. Kidder and Morrill.

On Accounts and Expenditures.

Messrs. Wolcott, Thayer, and Dwight.

On Buildings and Repairs.

Messrs. Dwight, Warren, and Eliot.

On Free Beds.

Messrs. Bowditch and Proctor.

On the General Library and Warren Fund.

Messrs. Eliot and Hale.

On the Book of Donations.

Dr. Bemis.

Committee on New Asylum and Grounds.

Messrs. Dwight, Eliot, Warren, Endicott, and Bowditch.

SEVENTY-FIRST ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

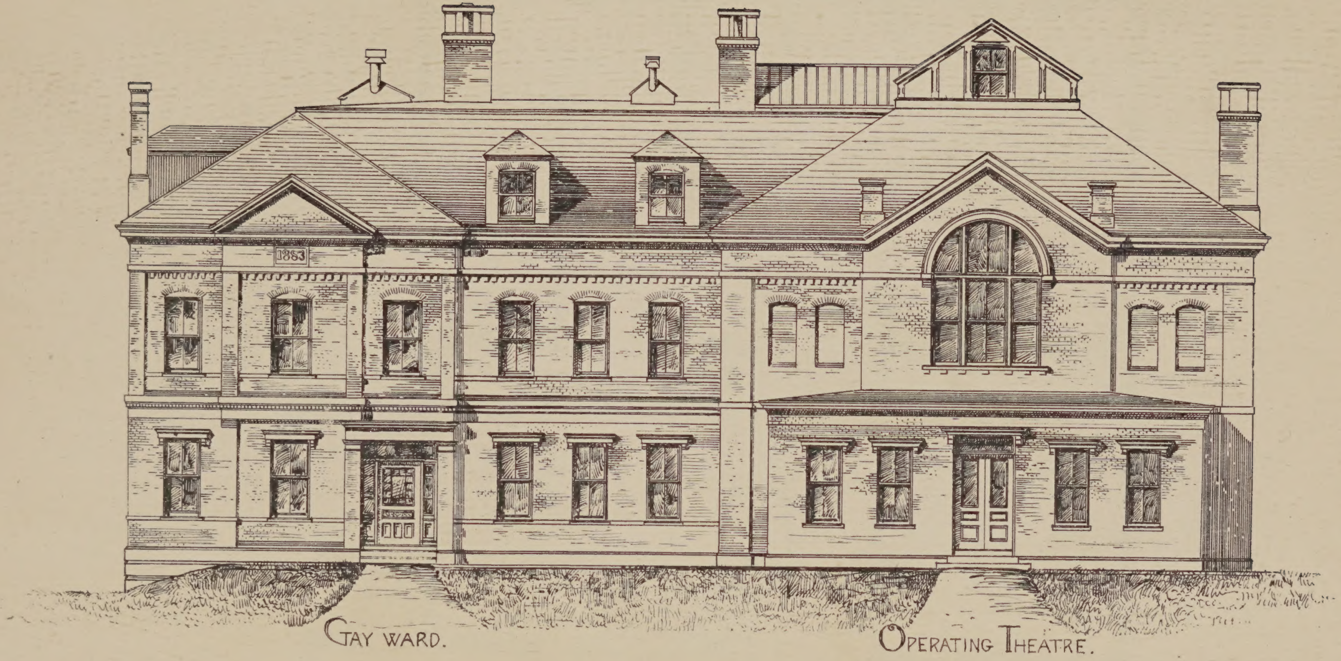
AND

McLEAN ASYLUM,

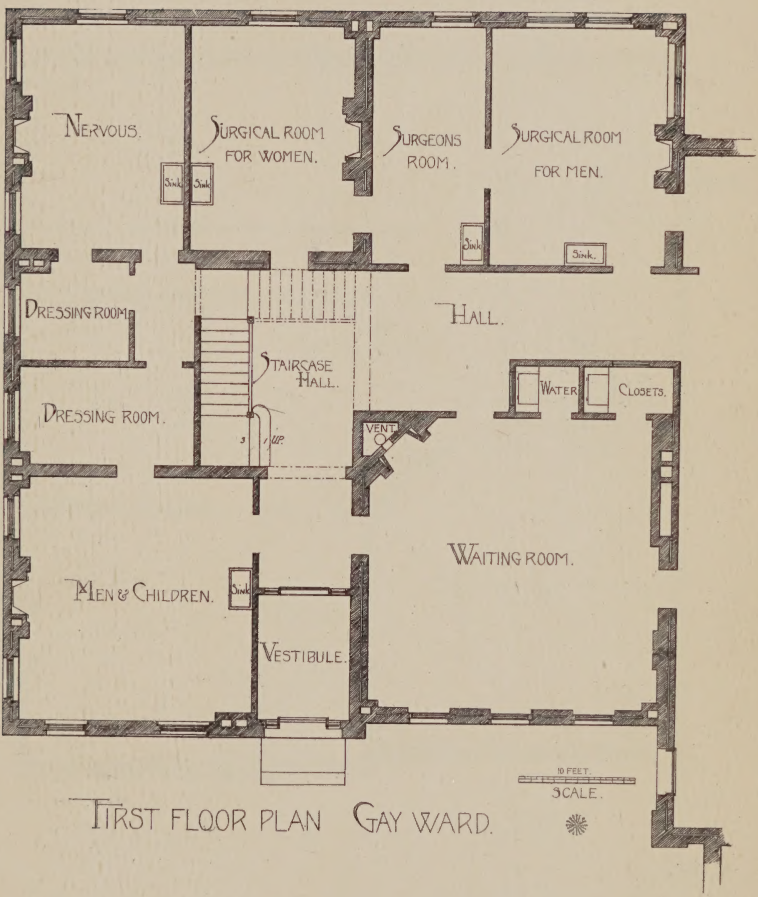
1884.

Printed at the Expense of the Bowditch History Fund.

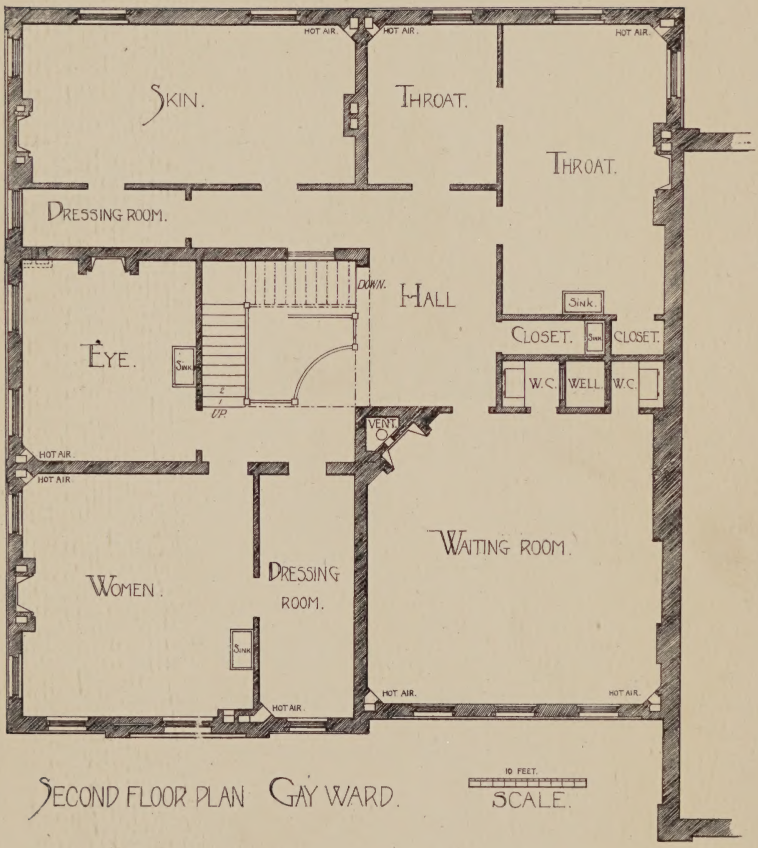
BOSTON:
GEORGE H. ELLIS, PRINTER, 141 FRANKLIN STREET.
1885.


1883
GAY WARD.
OPERATING THEATRE.

HELIOTYPE PRINTING CO. BOSTON.


NERVOUS.
SURGICAL ROOM FOR WOMEN.
SURGEONS ROOM.
SURGICAL ROOM FOR MEN.
Sink
Sink
Sink
Sink.
DRESSING ROOM
HALL.
STAIRCASE HALL.
DRESSING ROOM.
WATER
CLOSETS.
VENT.
3
1
UP.
WAITING ROOM.
MEN & CHILDREN.
Sink
VESTIBULE.
10 FEET.
SCALE.

FIRST FLOOR PLAN GAY WARD.


HOT AIR.
HOT AIR.
HOT AIR.
SKIN.
THROAT.
THROAT.
DRESSING ROOM.
DOWN.
HALL
EYE.
SINK.
SINK.
CLOSET.
SINK.
CLOSET.
W.C.
WELL.
W.C.
2
1
UP.
VENT.
HOT AIR.
HOT AIR.
WAITING ROOM.
DRESSING
ROOM.
WOMEN.
SINK.
HOT AIR.
HOT AIR.
HOT AIR.
10 FEET.
SCALE.

SECOND FLOOR PLAN GAY WARD.

SEVENTY-FIRST ANNUAL REPORT

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OF THE

MASSACHUSETTS GENERAL HOSPITAL

AND

McLEAN ASYLUM,

1884.

Printed at the Expense of the Bowditch History Fund.

BOSTON:
GEORGE H. ELLIS, PRINTER, 141 FRANKLIN STREET.
1885.

REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1884.

The Committee of the Trustees appointed to prepare the annual report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other Officers have been referred, respectfully submit the

SEVENTY-FIRST ANNUAL REPORT.

Franklin Haven, Jr., Esq. was elected Treasurer at the annual meeting in February, 1884, succeeding David R. Whitney, Esq., who had resigned at the end of the previous year.

In March, two vacancies on the staff to out-patients, action on which had been postponed from the general election at the beginning of the year, were filled by the election of Dr. W. W. Gannett and Dr. F. B. Harrington.

In October, Dr. D. H. Hayden Senior Physician to out-patients, felt compelled by ill health, to resign that office. The Board expressed their sympathy with Dr. Hayden in his illness and their regret for the loss of his long and useful service.

Dr. C. P. Strong had been temporarily appointed in July, to be Physician to out-patients in the absence of Dr. Hayden.

The Board has gratefully acknowledged the receipt during the year, of the following donations and legacies: —

Donation of Mrs. Clara Barton Kimball, to establish the John Bertram Free Bed Fund, ...	$5,000.00
Bequest of Thomas G. Appleton, for General Fund, ...	5,000.00
Bequest of Miss Anne E. Gray, for free beds, ...	5,000.00
Bequest of Samuel W. Swett, for Convalescent Home, . . .	50,000.00
Part of bequest of M. P. Sawyer, being proceeds of sale of land in Chicago, the income to belong to Free Bed Fund,	9,379.48
Donation of Amasa Guild, ...	40.00
And there have been received in subscriptions for free beds, .	10,056.00
	94.475.48

Reference is made to the accompanying report of the Treasurer for a statement of the financial condition of the Institution.

The evidences of property held by the Corporation have been examined and found to correspond with the statement of assets in the Treasurer's report.

The drainage of the Hospital has been thoroughly reformed. A vote of thanks was passed by the Board to Mr. Eliot C. Clark, C.E., for "his valuable services given gratuitously" in its superintendence.

The expense for repairs during the year, has been largely increased above the average, by the cost of improved drainage and other extraordinary items. The Board is indebted to the Chairman of the Committee on Repairs for the following memorandum: —

"The expense of repairs at the Hospital, amounting to $18,593.64, is about $11,000 larger than the average for the past five years. It includes three items of extraordinary repairs, costing altogether about $13,000: the laying of a new main drain; the renewal of the foundations of wards A and B and the corridor adjoining; and the repair and painting of the attic of the central building and of wards A, B, 28, 29.

"The sewerage of the Hospital has for some years, been a source of anxiety and danger. When the Hospital was built, in 1821, the sewage was carried to the shore of Charles River, then lying within one hundred feet of the main building, by a drain of elliptical section large enough to admit a man. As the shore line was gradually carried westerly, the drain was extended in the same direction. As the drain discharged only at low tide, large cess-pools were added. The whole system had the defect of irregular and slow delivery and constant retention. It was designed with the best knowledge of the time, to meet the conditions then existing, but under new conditions and with larger experience, was only to be condemned and replaced. The new intercepting sewer of the city having been carried through Charles Street, gave an outlet for constant and rapid discharge. Mr. Eliot C. Clark was kind enough to give, free of charge, his valuable time and experience for the plans and general superintendence. A new drain of 10-inch glazed pipe was laid and every building in the yard connected with it, except the Operating Theatre and Gay Ward; and the Thayer Building; which are drained respectively, south and north, to street sewers. The work was done promptly and in the best manner and has given perfect satisfaction. The old drains and cess-pools were opened, cleansed and filled up with good material. The total cost was about $6,500.

"Wards A and B were built in 1873 and designed for temporary structures, to be taken down and rebuilt after ten or twelve years' service. They have proved to be more durable than was expected and have retained their original high sanitary condition, owing to the admirable construction and ventilation directed by Mr. Charles H. Dalton, then acting as Trustee. The buildings and connecting corridors were placed on piles which, between wind and water, gradually decayed. These have been replaced by brick piers based upon the same piles, cut below low-water mark, at a cost of about $2,400.

" The attic of the main building was formerly divided into small sleeping-rooms for domestics, with closets for storage. These have been removed, to the improvement of the fire-risk and the neatness of the house. Wards A, B, 28 and 29 have been painted throughout. This work cost about $4,800.

" The general good condition of the main house after the wear and tear of more than sixty years, shows the excellence of its original design and construction; but some expensive repairs and improvements must be made within the next two or three years, to keep the Hospital in its present high state of efficiency.

" Two towers should be built at the rear of the main building; to which should be transferred all bath-rooms and water-closets now in too close connection with the wards."

The report by the Resident Physician, of the internal administration of the Hospital, is appended. It will be seen that the average number of patients during the year has been 161, of whom the average number of 133 had free beds. Of these patients, 156 were children, treated in the wards, not including those brought for treatment as out-patients. It has often been remarked that the presence of children and adults in the same wards seems to be beneficial to both. The Hospital is always ready to receive children and infants, as well as adults, so far as the number of its beds will permit.

The Service to out-patients in 1883 was a good deal interrupted by the building of the George H. Gay ward, destined for their reception. That building admirably fulfils the purpose for which it was designed; and has attracted much favorable attention from persons interested in hospital administration. An elevation and two floor plans of the building are attached to this report. The whole number of out-patients in 1884 was 14,824. The report of the Resident Physician gives their classification and other particulars.

The Convalescent Home at Belmont justifies the expectations which were formed of its usefulness. From the report last cited, it appears that it has not been occupied to its full capacity. The statement made in the last annual report, that "it is designed not only for convalescents from our own, but also from other hospitals, private houses and boarding-houses," is renewed.

The Trustees again offer thanks to the Ladies' Visiting Committee; and to the many others interested in the Hospital, who in various ways, have contributed to the comfort and amusement of the patients.

They congratulate the Hospital — as well as the Resident Physician — on his recovered health.

No change in the Staff of Officers at the Asylum has occurred during the year.

The cottage at Lynn found useful last year, was again rented for the summer. Besides the noticeable benefit to convalescing patients who remained there for various periods, it has furnished to many more not sufficiently recovered to be left there, opportunity for a pleasant afternoon's diversion.

The plan of voluntary admission is still on apparently successful trial. For details of the working of that system, as well as for an extended statement of the condition of the Asylum and of the results of the year's work there, attention is directed to the interesting annual report of the Superintendent, annexed.

Continued attention has been given to the preparation of the grounds for the new Asylum at Belmont. The advantages confidently expected from a removal to better buildings there have been so fully stated in previous reports, that little remains to be said on that point. The Trustees feel sure that it will be a fortunate day for the Asylum when the proposed transfer can be made.

CHARLES V. BEMIS, }
THOMAS E. PROCTOR, } *Committee.*

MASSACHUSETTS GENERAL HOSPITAL,
Feb. 4, 1885.

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL.

To the Board of Trustees:

Gentlemen,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1884, is respectfully submitted, to be laid before the Corporation at its annual meeting.

Dr. FRANKLIN HAVEN, Jr., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. Cr.

Jan. 1, 1884.		By Cash paid Insurance,	$179.25
To Balance Cash on hand,	$57,343.15	" " " Annuitants,	2,156.00
" Railroad Bonds sold,	5,000.00	" " " Annual Report, 1883,	234.62
" Real Estate sold at Waltham,	1,980.74	" " " Improvements at Belmont,	3,696.49
" City of Boston Bonds collected,	18,000.00	" " " Gay Building,	5,425.60
" Notes Receivable,	559,000.00	" " " Taxes at Belmont,	651.25
" Donations and legacies,	74,419.48	" " " Expenses Hospital,	123,430.31
" One-third profits Mass. Hospital Life Ins. Co.,	5,000.00	" " " Expenses Asylum,	139,201.67
" Income from investments,	97,711.45	" " " Expenses Convalescent Home,	6,473.54
" Board of paying patients at Asylum,	136,589.65	" " " Investments,	690,193.75
" Board of paying patients at Hospital,	15,456.13	" " " Library,	175.15
" Board of paying patients at Convalescent Home,	123.13	" " " Wooden Legs,	225.00
" Damages received from Boston & Lowell Railroad,	172.00	" " " Premiums,	3,171.44
" Subscribers for Free Beds ($900 additional received for this purpose in 1883),	9,156.00	" " " Balance C. C. Darling's account,	1,025.00
" Subscribers for Free Beds for 1885 in advance,	3,500.00	" " " Warren Prizes,	46.63
" Edward Cowles, Superintendent, balance in account,	3,546.80	" Balance Cash on hand,	11,298.07
" J. H. Whittemore, Resident Physician, balance in account,	585.24		
	$987,583.77		$987,583.77

Massachusetts General Hospital, Boston, Dec. 31, 1884.

E. & O. Ex. F. HAVEN, Jr., *Treasurer.*

Total Expense of Hospital Department,	$123,430.31	
" " " McLean Asylum,	139,201.67	
" " " Convalescent Home,	6,473.54	
	$269,105.52	

These expenses have been met from: —

Amount charged to patients,		$152,168.91
Income from various funds applicable,		96,048.09
Deficit drawn from General Fund,		20,888.52
		$269,105.52
Receipts at McLean Asylum have exceeded the expenses by		$7,106.04
Which amount has been credited to General Fund.		
Expenses at Hospital have exceeded the receipts by	$26,374.15	
And at the Convalescent Home,	1,620.41	
	$27,994.56	

Which amounts have been charged to the General Fund.

Making net balance drawn from the General Fund as above,		20,888.52
		$27,994.56

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1884: —

Expenses at Hospital (see Table 4),	$123,430.31	

Receipts.

Income from Redman Fund (see Table 7),		$26,168.99
" " Free Bed Funds (see Table 7),		32,600.23
" " Funds, income unrestricted (see Table 7),		2,300.00
" " General Fund (see Table 7),	71.542	10,474.81
" " Free Bed Subscriptions (see Table 8),		10,056.00
Amount charged to patients,		15,456.13
Deficit from General Fund,		26,374.15
		$123,430.31

TABLE No. 2.

McLEAN ASYLUM.

Expenses and receipts for the year 1884: —

Expenses at the Asylum (see Table 5), . . .	$139,201.67	
Receipts.		
Income from Fund for Beneficiaries, ...		$4,255.56
" " Fund for Female Beneficiaries, .		4,887.50
" " Amusement Fund, ...		575.00
Amount charged to patients, ...		136,589.65
		$146,307.71
Balance of Receipts over Expenses credited to General Fund, ...		7,106.04

TABLE No. 3.

CONVALESCENT HOME.

Expenses and receipts for the year 1884: —

Expenses at Convalescent Home (see Table 6),	$6,473.54	
Receipts.		
Income from Convalescent Home Fund, . .		$4,730.00
Amount charged to patients, ...		123.13
Deficit from General Fund, ...		1,620.41
		$6,473.54

TABLE No. 4.

Expenses of the Hospital Department: —

For Stores, ...	$40,574.09
Gas and Oil, ...	2,443.31
Water, ...	1,812.00
Wages, ...	27,451.64
Medicine, ...	2,981.36
Furniture, ...	8,013.40
Surgical Instruments, ...	1,264.53
Stationery, ...	714.80
Wines and Liquors, ...	3,114.03
Salaries, ...	5,915.00
One-half General Expenses, ...	1,334.62
Fuel, ...	8,240.27
Contingencies, ...	951.62
Repairs, ...	18,591.64
Telephone, ...	28.00
	$123,430.31

These expenditures have been for account of: —

1,667 Free Patients for 6,916 weeks,	$101,954.31	
429 Paying Patients for 1,456 weeks,	21,476.00	
		$123,430.31
The average number of patients was, in 1883,	166	
The average number of patients has been, in 1884,	161	
The average cost per week was, in 1883, 8,632 weeks,	$12.63	
The average cost per week in 1884 has been, 8,378 weeks,	14.75	
The total expenses were, in 1883,	109,054.98	
The total expenses have been, in 1884,	123,430.31	
The amount paid for account of free patients has been,		$101,954.31

The amount received for them has been: —

From Free Bed Funds,	$32,600.23	
From 89 Subscribers for this object (see Table 8),	10,056.00	
		42,656.23
		$59,298.08

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores,	$41,705.25
Laundry,	8,888.87
Fuel,	7,910.20
Stationery,	456.21
Medicines and Liquors,	2,646.34
Contingencies,	1,910.81
Furniture,	9,316.18
Repairs,	11,285.53
Diversions,	1,270.54
Water and Ice,	3,013.52
Lights,	3,461.92
Wages,	31,302.41
Amount carried forward,	$123,167.78

Amount brought forward,	$123,167.78	
Salaries,	7,190.00	
One-half General Expenses,	1,334.62	
Library,	400.00	
Stables,	4,278.51	
Garden,	2,968.22	
Lynn Cottage,	1,683.83	
		$141,022.96
Less Cr. Clothing, $250.26; Farm, $1,571.03,		1,821.29
		$139,201.67

These expenditures have been for account of: —

Patients paying cost and more,		$37,638.35
Patients paying less than cost,		101,563.32
The average number of patients was, in 1883,	164	
The average number of patients has been, 1884,	166	
The average cost per week was, in 1883,	$16.16	
The average cost per week has been, 1884,	16.00	
The total expenses were, in 1883,		137,801.56
The total expenses have been, 1884,		139,201.75
The amount expended at the Asylum for patients who have paid less than cost has been,		$101,563.40
The amount received has been: —		
From patients, 6,347 5-7 weeks' board at less than cost,	$52,878.62	
From income of Funds for Beneficiaries,	4,255.57	
Income of Funds for Female Beneficiaries,	4,887.50	
Income of Amusement Fund,	575.00	
		62,596.69
		$38,966.71

The deficiency has been drawn in part from patients paying more than cost, and the remainder from funds applicable to the purpose.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

For Stores,	$3,177.34
Gas and Oil,	45.44
Medicine,	12.00
Furniture,	99.19
Wages,	1,921.66
Fuel,	750.71
Amount carried forward,	$6,006.34

Amount brought forward,	$6,006.34
Surgical Instruments,	1.40
Ice,	106.43
Wines, Spirits, and Malt Liquors,	15.50
Repairs,	122.58
Contingencies,	221.29
	$6,473.54

Whole number of patients admitted during the year, males,	120	
Whole number of patients admitted during the year, females,	129	
		249
Whole number discharged during the year,		238
Remaining, Jan. 1, 1885, males,	8	
Remaining, Jan. 1, 1885, females,	8	
		16

TABLE No. 7.

INCOME FROM INVESTMENTS.

From Annuities Receivable,	$6,400.00
City of Boston Bonds,	675.00
Mass. Hospital Life Ins. Co. Stock,	4,000.00
Railroad Bonds,	26,236.40
Manufacturing Stocks,	1,560.00
Bank Stocks,	5,545.56
Real Estate, Productive,	25,102.82
Notes Receivable,	23,646.53
Union League Club Bonds,	450.00
Interest,	1,863.94
Delaware Mutual Ins. Co.'s Scrip, Interest,	31.20
Railroad Stocks,	2,200.00
	$97,711.45

Which has been distributed as follows: —

To G. H. Gay Fund,		$282.42
Redman Fund,		26,168.99
Warren Prize Fund,		172.50
Bowditch History Fund,		115.00
Wooden Leg Fund,		287.50
Redman Annuities,		936.00
Clara Barton Annuity,		186.35
Surgical Instrument Fund,		77.64
Amusement Fund,		575.00
Free Bed Funds, for use,	$32,600.23	33,300.23
Free Bed Funds, for Joy Annuitants,	700.00	
Amount carried forward,		$62,101.63

Amount brought forward,	$62,101,63
Beneficiaries at Asylum Funds,	4,255.56
Warren Library Fund,	57.50
Treadwell Library Fund,	287.50
One-half Lincoln Fund,— Female Beneficiaries,	4,887.50
Funds with Income Unrestricted,	2,300.00
General Fund,	10,474.81
Convalescent Home Fund,	4,730.00
Asylum Building Fund,	8,616.95
	$97,711.45

The Income for 1882 was	$82,698.22
The Income for 1883 was	92,609.14
The Income for 1884 has been	97,711.45

TABLE No. 8.

SUBSCRIBERS TO FREE BEDS FOR 1884.

Theodore Lyman,	$100	*Brought forward,*	$4,100
Mrs. C. H. Dalton,	100	Boston Gaslight Co.,	100
Fitchburg Railroad Co.,	100	Mrs. Susan O. Brooks,	100
Otis E. Weld,	100	F. H. Peabody,	100
Cambridge Railroad Co.,	100	C. W. Amory,	100
Boston & Maine R.R. Co.,	100	Mrs. P. C. Brooks,	100
T. Jefferson Coolidge,	100	George A. Gardner,	100
Boston & Providence R.R. Co.,	100	Samuel Eliot,	100
		W. W. Tucker,	100
William Amory,	100	R. C. Greenleaf,	100
S. D. Warren,	100	Samuel Johnson,	100
Henry P. Kidder,	200	William Endicott, Jr.,	100
Miss Anne Wigglesworth,	200	Henry Woods,	100
George Higginson,	100	George W. Wales,	100
Nathaniel Thayer,	200	C. E. Ware,	100
Miss C. A. Brewer,	100	J. L. Gardner, Jr.,	100
C. J. Morrill,	100	W. Powell Mason,	100
Mass. Humane Society,	400	J. T. Coolidge, Jr.,	100
Sarah S. Fay,	200	J. Huntington Wolcott,	100
H. H. Fay,	100	J. M. Sears,	100
F. Gordon Dexter,	100	Miss A. W. Davis,	100
H. B. Rogers,	100	Amory A. Lawrence,	100
Eunice Hooper,	100	Mrs. Ozias Goodwin,	100
R. W. Hooper,	100	Miss Eliza Goodwin,	100
Mrs. E. B. Bowditch,	200	H. S. Shaw,	100
G. S. Curtis,	100	F. R. Sears,	100
Shepherd Brooks,	100	George D. Howe,	100
Mrs. Charlotte A. Johnson,	100	Charles Merriam,	100
P. C. Brooks, Jr.,	100	Mrs. Caroline Merriam,	100
Miss Madeline C. Mixter, Miss Helen K. Mixter,	100	S. R. Payson,	100
		J. L. Little,	100
Henry Saltonstall,	100	George Dexter,	300
Mrs. James Lawrence,	100	J. L. Bremer,	100
J. B. Glover,	100	Martin Brimmer,	100
Mrs. Anna C. Lodge,	100	J. P. Bradlee,	100
Carried forward,	$4,100	*Carried forward,*	$7,700

Brought forward,	$7,700
J. P. Squire & Co.,	100
W. D. Pickman,	100
W. O. Grover,	100
Ida M. Mason,	100
Jos. S. Fay,	100
R. C. Winthrop, Jr.,	100
Mrs. G. H. Shaw,	100
A. L. Rotch,	100
D. R. Whitney,	100
Sidney Bartlett,	100
Charles P. Curtis,	100
Mrs. J. G. Cushing,	100
Mrs. L. M. Case,	100
Carried forward,	$9,000

Brought forward,	$9,000
Hoosac Tunnel Dock and Elevator Co.,	100
John Foster,	100
Bayard Thayer,	100
J. E. Thayer,	100
E. N. R. Thayer,	100
Old Colony R.R. Co.,	100
Boston & Lowell R.R. Co.,	300
Charles Faulkner,	100
American Bell Telephone Co.,	56
	$10,056

Total Free Bed Subscriptions (88) in 1883,	$10,600
Total Free Bed Subscriptions (89) in 1884,	10,056

TABLE No. 9.

LIBRARY ACCOUNT.

Paid for Books,	$175.15
Income Treadwell Library Fund,	287.50
The surplus is credited to the Fund,	$112.35

TABLE No. 10.

WOODEN LEG ACCOUNT.

The amount received for this purpose has been the Income of Wooden Leg Fund,	$287.50
The amount expended for Artificial Limbs,	225.00
The surplus is credited to the Fund,	$62.50

TABLE No. 11.

THE BOWDITCH HISTORY FUND.

Balance, Dec. 31, 1883 :—		
Principal,	$2,000.00	
Income,	1,653.55	
		$3,653.55
Amount of Income received,	$115.00	
Amount of Income expended,	234.62	
		119.62
		$3,533.93
Balance, Dec. 31, 1884 :—		
Principal,	$2,000.00	
Income,	1,533.93	
		$3,533.93

TABLE No. 12.

GENERAL FUND.

Balance, Dec. 31, 1883, ...	$1,119,828.30	
Add one-third profits Mass. Hospital Life Ins. Co., ...	5,000.00	
Add donations and legacies, ...	5,040.00	
Add cost of Gay Building, charged to G. H. Gay Fund, ...	21,225.83	
Add damages received from Boston & Lowell R.R. for fire at Somerville, ...	172.00	
		$1,151,266.13
Less amount restored to Perm. Free Bed Fund, to correct wrong credits, 1875–77,	$2,000.00	
Balance C. C. Darling's account, ...	1,058.70	
Balance Waltham Land account, ...	371.58	
Balance Insurance Account, ...	179.25	
Balance of premiums paid for Stocks and Bonds, ...	3,171.44	
Balance of Expenses over Income, . . .	20,888.52	
		27,669.49
Balance, Dec. 31, 1884, ...		$1,123,596.64

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds: —

The Joy Fund, being a bequest from Miss Nabby Joy, ...	$20,000.00
Belknap Fund, being a bequest from Jeremiah Belknap, ...	10,000.00
Wm. Phillips Fund, being a bequest from Wm. Phillips, ...	5,000.00
Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street, ...	19,600.00
Bromfield Fund, being half of a bequest from John Bromfield, ...	20,000.00
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, ...	11,486.50
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, ...	5,000.00
Wilder Fund, being a bequest from Charles W. Wilder, ...	12,000.00
Amount carried forward, ...	$103,086.50

Amount brought forward,	$103,086.50
The Sever Fund, being a bequest from Miss Martha Sever,	500.00
Thompson Fund, being a bequest from S. B. Thompson,	500.00
Tucker Fund, being a bequest from Miss Margaret Tucker,	3,312.37
Davis Fund, being a bequest from Mrs. Eleanor Davis,	900.00
Loring Fund, being a bequest from Abigail Loring,	5,000.00
Nichols Fund, being a bequest from B. R. Nichols,	6,000.00
Gray Fund, being a donation from John C. Gray,	1,000.00
Dowse Fund, being a bequest from Thomas Dowse,	5,000.00
Todd Fund, being a bequest from Henry Todd,	5,000.00
J. Phillips Fund, being a bequest from Jonathan Phillips,	10,000.00
Greene Fund, being a bequest from Benj. D. Greene,	5,000.00
Percival Fund, being a bequest from John Percival,	950.00
Pickens Fund, being a bequest from John Pickens,	1,676.75
Treadwell Fund, being part of a bequest from J. G. Treadwell,	38,703.91
Raymond Fund, being a bequest from E. A. Raymond,	2,820.00
Harris Fund, being part of a bequest from Charles Harris,	1,000.00
Mason Fund, being a bequest from Wm. P. Mason,	9,400.00
Sawyer Fund, being part of a bequest from M. P. Sawyer,	7,000.00
J. L. Gardner Fund, being a donation from J. L. Gardner,	20,000.00
B. T. Reed Fund, being a donation from Benj. T. Reed,	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed,	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor,	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice,	5,000.00
Amount carried forward,	$245,583.45

Amount brought forward,	$245,583.45
The Templeton Fund, being half of a bequest from John Templeton,	5,000.00
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers,	1,177.50
Beebe Fund, being a bequest from J. M. Beebe,	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard,	4,000.00
George Gardner Fund, being a donation from George Gardner,	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway,	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup,	1,000.00
Tufts Fund, being a bequest from Quincy Tufts,	10,000.00
Read Fund, being half of a bequest from Jas. Read,	1,000.00
Parker Fund, being a bequest from Jno. Parker, Jr.,	10,000.00
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw,	5,500.00
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers,	1,000.00
Dwight Fund, being a donation from Mrs. T. Bradford Dwight,	1,000.00
Hunnewell Fund, being a donation from H. H. Hunnewell,	10,000.00
R. M. Mason Fund, being a bequest from R. M. Mason,	5,000.00
Anna Lowell Cabot Fund, being a donation from Dr. Samuel Cabot,	1,000.00
Welles Fund, being a donation from Miss Jane Welles,	5,000.00
Black Fund, being a bequest from Miss Marianna Black,	2,000.00
Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge,	14,000.00
Paraclete Holmes Fund, being a donation from W. S. Adams,	2,000.00
Estabrooks Fund, being a bequest from J. W. Estabrooks,	1,000.00
Amount carried forward,	$481,260.95

Amount brought forward, ...	$481,260.95	
The Thayer Fund, being a bequest from Nathaniel Thayer, ...	30,000.00	
Sawyer Fund, being part of a bequest from M. P. Sawyer, ...	30,122.68	
Ann E. Gray Fund, being a bequest from Miss Ann E. Gray, ...	5,000.00	
John Bertram Fund, being a donation from Mrs. Clara Barton Kimball, .	5,000.00	
		$551,383.63

Income devoted to beneficiaries at Asylum:—

The Bromfield Fund, being half of a bequest from John Bromfield, ...	$20,000.00	
Read Fund, being half of a bequest from Jas. Read, ...	1,000.00	
Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton, . .	30,010.00	
McGregor Fund, being half of a donation and bequest from James McGregor, .	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin, ...	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge, ...	5,500.00	
Templeton Fund, being half of a bequest from John Templeton, ...	5,000.00	
		74,010.00
		$625,393.63

Income devoted to Female Beneficiaries at Asylum:—

The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, ...		85,000.00

Income unrestricted:—

The Waldo Fund, being a bequest from Daniel Waldo, ...		40,000.00

Income devoted to any purpose except buildings:—

The Redman Fund, being a bequest from John Redman, ...		455,113.34
Amount carried forward, ...		$1,205,506.97

Amount brought forward, ...	$1,205,506.97
Income devoted to a Triennial Prize:—	
The Warren Prize Fund, being a bequest from Dr. J. M. Warren, ...	2,299.61
Income devoted to the Library:—	
The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, . . .	5,000.00
Income devoted to Books for Patients:—	
The Warren Library Fund, being a donation from Dr. J. C. Warren, ...	1,000.00
Income and Principal devoted to the publication of a History of the Hospital:—	
The Bowditch History Fund, being a bequest from N. I. Bowditch, ...	2,000.00
Income devoted to Amusements at the Asylum:—	
The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies, ...	10,000.00
Income devoted to Special Surgical Instruments:—	
The Surgical Instrument Fund being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100, .	1,350.00
The Wooden Leg Fund:—	
Being a bequest from N. I. Bowditch, . . .	5,000.00
The Convalescent Home Fund, .	132,260.66
Amount carried forward, ...	$1,364,417.24

Amount brought forward, ...		$1,364,417.24
Permanent Free Beds: —		
Miss Marian Hovey, ...	$1,000.00	
Mrs. Fanny H. Morse, ...	1,000.00	
Henry S. Hovey, ...	1,000.00	
Edward Woodman, ...	1,000.00	
Children of Mrs. Henry Windsor, ...	1,000.00	
		5,000.00
Redman Annuities, ...		15,600.00
Clara Barton Annuity, ...		3,241.00
Asylum Building Fund, ...		158,477.10
G. H. Gay Fund, ...		5,194.09
Add unused income at credit of		
Warren Prize Fund, ...	$422.52	
Warren Library Fund, ...	467.12	
Bowditch History Fund, ...	1,533.93	
Surgical Instrument Fund, ...	1,242.33	
Wooden Leg Fund, ...	824.69	
Treadwell Library Fund, ...	220.20	
Clara Barton Annuity, ...	118.44	
		4,829.23
Total of Restricted Funds, ...		$1,556,758.66

TRIAL BALANCE, Dec. 31, 1884.

Dr.		Cr.		
Land and Buildings for Asylum,	$320,794.75	Redman Fund,	$455,113.34	
Land and Buildings for Hospital,	520,008.53	Warren Prize Fund,	3,000.00	$422.52
Land and Improvements at Belmont,	64,999.73	Bowditch History Fund,	2,000.00	1,533.93
Annuities Receivable,	160,000.00	Wooden Leg Fund,	5,000.00	824.69
Insurance Stock,	50,000.00	Clara Barton Annuity,	3,241.00	118.44
Reversions (see "Suspense" on Cr. side),	10.00	Surgical Instrument Fund,	1,350.00	1,242.33
Delaware Mutual Insurance Company's Scrip,	885.00	Amusement Fund,	10,000.00	
Union League Club Bonds,	9,000.00	Free Bed Fund,	551,383.63	
Manufacturing Stocks,	41,400.00	Warren Library Fund,	1,000.00	467.12
Bank Stocks,	74,500.00	Beneficiaries at Asylum Fund,	74,010.00	
Railroad Stocks,	25,000.00	Treadwell Library Fund,	5,000.00	220.20
Railroad Bonds,	485,818.75	Lincoln Fund,	85,000.00	
Notes Receivable,	456,600.00	Funds with Income Unrestricted,	40,000.00	
City of Boston Loan,	4,000.00	Permanent Free Beds,	7,000.00	
Real Estate Productive,	407,366.64	Suspense (see "Reversions" on Dr. side),	10.00	
Gay Building,	21,225.83	Notes Payable,	3,500.00	
Edward Cowles, Superintendent,	33,006.48	Asylum Building Fund,	158,477.10	
J. H. Whittemore, Resident Physician,	4,151.91	General Fund,	1,123,596.64	
Cash,	11,298.07	G. H. Gay Fund,	5,194.09	
		Convalescent Fund,	132,260.66	
		Subscribers to Free Beds, 1885,	3,500.00	
		Redman Annuities,	15,600.00	
			$2,685,236.46	$4,829.23
			4,829.23	
	$2,690,065.69		$2,690,065.69	

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

Asylum:	Land and Buildings occupied for Asylum,	$320,794.75	
	Superintendent's balance,	33,006.48	
			$353,801.23
Hospital:	Land and Buildings occupied for Hospital,	$520,008.53	
	Resident Physician's balance,	4,151.91	
	Gay Building,	21,225.83	
			545,386.27
Convalescent Home:	Land and Buildings occupied for Convalescent Home,		64,999.73
	Memorandum of expectancies,		10.00
			$964,197.23

INVESTMENTS PRODUCING INCOME.

Policies Mass. Hospital Life Ins. Co.,	$160,000.00
500 shares Mass. Hospital Life Ins. Co.,	50,000.00
$4,000 City of Boston Bonds,	4,000.00
$50,000 Eastern Railroad Co.'s Bonds,	43,700.00
$1,000 Kansas City & Cameron Railroad Bond,	1,000.00
$5,000 Boston & Albany Railroad 7 per cent. Bonds,	5,000.00
$100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds,	100,000.00
$22,000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds,	20,900.00
$9,000 Union League Club Bonds,	9,000.00
$100,000 Atch., Topeka & Santa Fé R.R. 7 per cent. Bonds,	100,000.00
$100,000 Atch., Top. & Santa Fé R.R. 4 1-2 per cent. Bonds,	100,000.00
$50,000 Bur. & Mo. River in Neb. R.R., Non-ex. 6 per cent. Bonds,	50,000.00
$10,000 Bur. & Mo. River in Neb., Exempt 6 per cent. Bonds,	10,000.00
$10,000 Atchison Land Grant 7 per cent. Bonds,	10,000.00
$10,000 Kansas City, Topeka & Western R.R. 1st Mortgage 7 per cent. Bonds,	10,000.00
$1,000 Cedar Rapids & Mo. River R.R. 7 per cent. Bond,	1,000.00
$5,000 Bur., Cedar Rapids & Northern R.R. 5 per cent. Bonds,	4,375.00
$5,000 Ft. Scott, So. Eastern & Mem. R.R. 7 per cent. Bonds,	5,000.00
$25,000 Ore. Ry. & Nav. Co. Debenture 7 per cent. Bonds,	24,843.75
100 Shares Old Colony Railroad Co.,	10,000.00
150 " Boston & Albany Railroad Co.,	15,000.00
14 " Merrimack Manufacturing Co.,	14,000.00
Amount carried forward,	$747,818.75

	Amount brought forward,	$747,818.75
1	Share Appleton Manufacturing Co.,	1,000.00
9	Shares Amory “ “	900.00
9	“ Amoskeag “ “	9,000.00
25	“ Great Falls “ “	2,500.00
5	“ Boston “ “	5,000.00
9	“ Stark Mills,	9,000.00
100	“ National Union Bank,	10,000.00
70	“ Tremont National Bank,	7,000.00
50	“ Old Boston “ “	2,500.00
100	“ Suffolk “ “	10,000.00
50	“ State “ “	5,000.00
100	“ Columbian “ “	10,000.00
100	“ Merchants’ “ “	10,000.00
50	“ New England National Bank,	5,000.00
40	Massachusetts “ “	10,000.00
50	Eagle “ “	5,000.00
	Land and Store, 17 Blackstone Street,	19,600.00
	“ “ “ 168 Washington Street,	45,000.00
	“ “ House, 61 Dartmouth Street,	10,000.00
	Redman Mansion Estate, Washington Street,	106,000.00
	Land and Houses on Warrenton Street,	17,700.00
	“ “ Store, 496 Washington Street,	55,500.00
	“ “ Houses on Chambers Street,	23,900.00
	“ “ “ “ Cross Street,	12,691.64
	“ “ House on Harrison Avenue,	9,975.00
	Union Block, Union and Marshall Streets,	66,875.00
	Robertson House, Hanover Street,	40,125.00
	Notes secured by Mortgage,	206,600.00
	$20,000 Notes Phila., Wilmington & Baltimore R.R. Co.,	20,000.00
	Notes Receivable, Personal and Collateral Securities,	230,000.00
	Delaware Mutual Ins. Co. Scrip,	885.00
	Cash deposited in bank at interest,	11,298.07
	Investments producing income,	$1,725,868.46
	Investments producing no income,	964,197.23
	Total, foot of Trial Balance,	$2,690,065.69

F. HAVEN, Jr., *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-THREE YEARS,—1862 TO 1884.

ORDINARY EXPENSES.

Year.	Cost of Paying Patients.	Cost of Free Patients.	Other Charities.	Total Expenses of		Average cost per week per patient.		Cost over Board.	
	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.
1862	$6,628.65	$35,072.01	$414.15	$42,114.81	$71,823.46	$6.04	$7.27	$36,260.92	$6,640.81
1863	6,151.27	40,575.14	695.30	47,421.71	69,300.63	6.66	6.98	41,109.46	2,170.56
1864	10,224,81	49,286.53	648.21	60,159.55	101,484.38	8.38	9.76	52,445.01	4,523.85
1865	23,119.62	34,131.83	717.35	57,968.80	120,885.84	9.86	12.49	43,121.53	9,507.86
1866	30,086.08	37,538.12	1,162.60	68,786.80	126,015.83	13.88	12.30	53,809.36	558.19
1867	26,086.67	33,758.02	1,164.53	61,009.22	133,844.14	11.28	13.84	44,291.54	....
1868	23,663.50	42,481.71	1,419.26	67,564.47	142,535.36	12.74	16.51	52,893.02	14,642.07
1869	20,128.86	40,736.44	1,373.30	62,238.60	138,132.02	10.14	14.21	48,811.90	....
1870	15,844.35	46,087.42	883.05	62,814.82	134,339.63	10.05	13.83	50,811.01	....
1871	15,266.51	47,126.12	1,133.74	63,526.37	146,191.23	9.96	15.80	52,447.68	9,996.88
1872	12,664.70	56,537.74	1,497.86	70,700.30	153,327.60	10.10	16.93	59,547.91	14,917.57
1873	16,681.66	69,109.97	2,135.29	87,926.92	165,023.79	10.29	19.23	72,435.94	26,404.27
1874	14,198.41	64,266.27	2,634.60	81,099.28	161,934.11	10.13	19.59	67,548.81	2,750.66
1875	10,677.72	71,447.23	1,761.59	83,886.54	165,660.47	9.72	21.07	71,989.93	11,872.47
1876	11,344.58	82,033.60	1,312.94	94,691.12	164,973.80	9.41	19.72	82,027.86	13,019.51
1877	10,833.10	72,678.63	279.16	83,790.89	143,148.94	9.47	15.66	72,957.79	....
1878	11,252.42	85,102.61	588.98	96,944.01	136,394.36	9.87	15.55	83,516.61	....
1879	11,564.44	77,216.88	514.25	89,295.57	117,250.02	10.54	14.30	73,440.58	....
1880	10,529.35	81,085.73	462.82	92,077.90	131,172.69	10.39	16.48	79,280.61	10,078.33
1881	13,462.12	88,241.17	450.51	102,153.80	134,561.14	11.87	16.92	88,268.68	20,719.30
1882	12,947.98	95,642.45	8,928.82*	117,519.25	138,518.26	12.43	17.02	95,684.95	18,172.21
1883	18,389.28	90,665.70	6,575.92*	115,630.90	139,711.39	12.63	16.16	91,213.57	5,376.89
1884	21,476.00	101,954.31	68,73.69*	130,304.00	139,201.67	14.75	16.00	107,974.18	2,612.02
23 years, ...								$1,521,888.85	$173,963.45

* Including Convalescent Home.

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1884.

Number of Patients in the Hospital, January 1, 1885.

Paying,	19
Free,	148
Total,	167

Admitted from January 1, 1884, to January 1, 1885.

	Males.	*Females.*	*Total.*
Patients paying board,	244	138	382
Patients paying board part of the time,	24	23	47
Patients entirely free,	998	669	1,667
	1,266	830	2,096

	Medical.	*Surgical.*
Males (Boys, 115),	392	874
Females (Girls, 41),	411	419
	803	1,293

Of these, 2 paid $50 per week; 31 paid $35; 27 paid $21; 1 paid $17.50; 2 paid $15; 108 paid $14; 10 paid $10.50; 6 paid $10; 201 paid $7; 4 paid $6; 21 paid $5; 2 paid $4; 2 paid $3.50; 9 paid $3; 1 paid $2.50; 2 paid $1.50.

Whole number of patients treated during the year: paying, 448; paying a part of the time, 47; free, 1,815; total, 2,310.

Discharged during the Year.

	Medical.	*Surgical.*	*Male.*	*Female.*	*Total.*
Well,	420	898	828	490	1,318
Much relieved,	96	94	108	82	190
Relieved,	84	93	91	86	177
Not relieved,	47	21	32	36	68
Not treated,	38	99	71	66	137
Dead,	88	103	132	59	191
Insane and eloped,	1	7	7	1	8
	774	1,315	1,269	820	2,089

Number of Patients remaining December 31, 1884.

Males,	105
Females,	62
Total,	167
Paying,	19
Free,	148
Total,	167
Medical,	49
Surgical,	118
Total,	167

Proportion of deaths to whole number of results, 9.14 per cent.

Number of patients received on account of accidents, 397.

The greatest number of paying patients at any one time was 40; in private rooms, 8; the greatest number of free patients, 159; the greatest total, 186. The least number of paying patients at any one time was 14; in private rooms, 1; the least free, 106; the least total, 129. The proportion of ward beds occupied by free patients was 84 per cent.; by paying patients, 16 per cent. About 14.2 of the paying patients occupied private rooms. The average number of patients was 161: males, 97; females, 64.

The average number of paying patients was 28: Americans, 20; foreigners, 8.

The average number in private rooms was 4.5.

The average number of free patients was 133: Americans, 63; foreigners, 70.

The average time of paying patients was 3 weeks; and that of free patients, 4.14.

Residences.

Boston,	1,011
Massachusetts (excepting Boston),	936
Maine,	19
New Hampshire and Vermont,	41
Rhode Island and Connecticut,	12
Other States,	48
British Provinces,	29
	2,096

Birthplaces.

Boston,	159
Massachusetts (excepting Boston),	501
Maine,	116
New Hampshire,	99
Vermont,	37
Rhode Island and Connecticut,	28
New York,	32
Southern and Western States,	71
Total Americans,	1,043
British Provinces,	238
Great Britain,	121
Ireland,	542
Germany,	48
Norway and Sweden,	33
France,	5
Italy,	9
Switzerland,	4
Other places,	53
Total foreigners,	1,053

Occupations.

Males.	*Paying.*	*Free.*	*Partial.*
Mechanics,	51	261	3
Laborers,	22	399	8
Farmers,	21	34	2
Minors,	13	78	1
Seamen,	16	30	5
Carried forward,	123	802	19

Males.	*Paying.*	*Free.*	*Partial.*
Brought forward,	123	802	19
Clerks,	25	58	1
Teamsters,	8	27	2
Traders,	10	14	1
Servants,	3	34	
Lawyers,	4	3	
Clergymen,	3	1	
Physicians,	2	4	
Merchants,	21	4	
Students,	5	7	
Other professions,	40	44	1
	244	998	24

Total males, 1,266. Of these, 44 were in private rooms.

Females.	*Paying.*	*Free.*	*Partial.*
Domestics,	20	268	5
Minors,	21	75	2
Wives,	62	182	10
Widows,	9	26	2
Seamstresses,	7	47	
Spinsters,	10	7	2
Operatives,	1	18	2
Teachers,	1	5	
Clerks,	3	5	
Nurses,	1	20	
Others,	3	16	
	138	669	23

Total females, 830. Of these, 9 were in private rooms.

Sixteen per cent. of the free patients were female domestics; twenty-four per cent. were laborers; sixteen per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

Phthisis (Consumption),	44
Syphilis,	15
Chronic Ulcers,	13
Scrofula and Abscesses,	6
Insanity and Delirium Tremens,	15
Hip and Spine,	37
Debility and Senility,	9
Carried forward,	139

Brought forward,	139
Chronic Rheumatism,	7
Paralysis,	26
Epilepsy,	10
Cancer,	10
Uterine,	8
Injuries,	12
Of Skin,	10
Contagious,	11
Other diseases,	165
Total,	398

Males,	215
Females,	148
Americans,	215
Foreigners,	148
Residents of Boston,	59
Residents of Massachusetts,	141
Residents of other places,	163

Out-Patients.

Number of new patients,	14,824
Men,	6,550
Women,	5,946
Children,	2,328
Americans,	7,659
Foreigners,	7,165
Residents of Boston,	8,778
Of other places,	6,086
Medical department for women,	5,276
Medical department for men and children,	3,494
Surgical department,	15,815
Ophthalmic department,	1,962
Department for diseases of the skin,	3,798
Department for diseases of the nervous system,	2,992
Department for diseases of the throat,	2,900
Total attendance,	36,237

Average daily attendance, 114.

Of the surgical cases there were: —

Fracture,	378
Dislocations,	30
Sprains,	369
Diseases of joints,	339
Talipes,	26
Carried forward,	1,142

Brought forward,	1,142
Wounds and contusions,	771
Abscesses,	325
Felons,	75
Ulcers,	203
Diseases of rectum,	68
Genito-urinary,	494
Syphilis,	135
Hernia,	91
Tumors, malignant,	107
Tumors, benignant,	263
Spinal diseases,	62
Necrosis,	49
Amputation,	12
Burns,	27
Scrofulous glands,	69
Referred,	360
No diseases,	154
Miscellaneous,	778
Total,	5,185

Number of applicants,	13,827
Number admitted,	13,044
Number refused,	783
Number visited,	1,186
Number found deserving of charity,	800
Number found undeserving of charity,	386

Convalescent Home:—

Admitted to the Home in 1882,	101
Admitted to the Home in 1883,	187

	Males.	*Females.*	*Total.*
Remaining January 1, 1884,	3	4	7
Admitted,	120	129	249
Total,	123	133	256
Discharged,	115	125	240
Remaining Jan. 1, 1885,	8	8	16

The G. H. Gay Ward for the Out-Patient Department of the Hospital was opened for the reception of patients on the 1st of January, 1884. During the time this department had been closed, the building had been enlarged from a small, one-story building to one of two stories, sixty feet square, and gives ample accommodations for the present needs of the Hospital. The first floor comprises the entrance hall, which opens from the centre of the eastern front, is ten feet in width, and extends to the centre of the building where it joins a hall of similar dimension at a right angle, which is continuous with the hall from the Operating Theatre. On the right of the entrance hall is a waiting-room, 25 ft. x 25 ft. On the left of the entrance are the rooms for men and children: one, 20 ft. x 21 ft.; another, 8 ft., 8 in. x 15 ft. On the same side are the rooms for nervous diseases: one, 8 ft. x 9 ft.; the other, 19 ft. x 14 ft. On the same floor are the three surgical rooms: Surgeons' Room, 9 ft., 9 in. x 20 ft; Women's Surgery, 14 ft. x 19 ft.; Men's Surgery, 15 ft. x 20 ft. The second floor is reached by an easy flight of stairs, in a large well 13 ft. square, extending from the first floor to the roof, covered by a large skylight, in which are Emerson ventilators. There is a large waiting-room directly over the one on the first floor and of the same size, 25 ft. x 25 ft. At the right of this are the women's rooms: one, 9 ft. x 15 ft.; the other, 20 ft. x 21 ft. Adjoining are the rooms for diseases of the eye, 15 ft. x 17 ft. The next rooms on this floor are for skin diseases, and consist of one room 5 ft. x 14 ft. and one 13 ft., 6 in. x 28 ft., 8 in. The rooms for diseases of the throat come next, and are: one, 13 ft., 6 in. x 11 ft., 6 in.; another, 13 ft., 8 in. x 24 ft. There is a closet on this floor for students' coats, etc., 3 ft., 3 in. x 8 ft., 9 in. Opening out of each of the two waiting-rooms are two water-closets, in a shaft 4 ft., 2 in. x 9 ft. This shaft extends from the first floor to the roof, and is covered by a skylight and has Emerson ventilators in it. The floors of the closets are tiles.

The closets are the straight hopper, connected with the soil pipe by an S trap, and are flushed by the automatic flush tank. All traps are ventilated to prevent syphoning. The soil pipes are all suspended from the cellar beams and extend exposed up the shaft, through the roof, in full view. The floors through the building are Southern pine in narrow strips, except the closets mentioned and the front vestibule, which has a brick tile floor.

The building is heated by steam indirectly radiated from coils suspended from the beams in the basement. Each flue on each floor has its independent coil, and an independent supply of fresh air directly from out-of-doors. The large rooms of every department have an open fire-place, used thus far only for ventilation. In addition, for ventilating purposes, there is a large central chimney, with a central iron smoke-stack, which is kept hot by a coal fire in the base of the chimney. Near the ceiling in every room is a large opening into a tin flue, which is connected with this chimney. Over the doors are glazed transoms, which lower and allow the air to pass into the central hall. Windows open from the hall near the ceiling into the water-closet shaft. Frequent examinations show that there is always a decided upward current in all of these ventilating shafts; and the general good air, even in warm, damp days, illustrates their efficiency. Each room has a wardrobe closet for the physicians and surgeons. Every room is lighted with gas, and has soap-stone sink, with hot and cold water. Every precaution was taken with the soil pipes from these, to trap and ventilate in the most thorough manner.

The rooms in most departments are larger than the actual need of the patients requires; but attention was given to the wishes of the physicians and surgeons, many of them being professors and instructors in the Harvard Medical College, and the needs of the medical students of the College, who receive certain clinical instruction in this department. Many of the departments have two rooms. The design of this was to prevent the annoyance and exposure of patients who are compelled to disrobe more or less during examinations. The furnishing of the building has been plain and substantial, the endeavor being made to have everything convenient for doing the work in the most satisfactory manner. The building has been in use for one year, and its practical working has been most satisfactory.

The Jackson and Warren Wards, built as temporary structures in 1873, have been thoroughly repaired during the past year. New and permanent foundations have been put in, in place of the temporary ones at first built. The walls have been thoroughly painted, and present a more attractive and permanent appearance than ever before.

All the corridors connecting the newer wards and Operating Theatre with the older part of the Hospital have been thoroughly repaired and painted both inside and out.

The Male Surgical Wards 28 and 29 in the older Hospital have also been thoroughly repaired by having the ceiling taken down, a new one put up, the paint from the walls and wood work removed by potash and then repainted in brighter and more cheerful colors. The floors were washed in strong potash, scraped, and oiled. A part of the corridors at the entrance have been repainted and repaired.

The drainage of the Hospital has not been quite satisfactory for some time. When the intercepting sewer of the new system of sewerage adopted by the city of Boston was built through North Charles

Street, the hospital sewer was opened and found in a bad condition. The Trustees then decided to remove the main drain from beneath the building of the Hospital and build a new one with connecting branches, as needed, outside the buildings.

The work was done from plans suggested by Mr. Eliot C. Clark, C.E. Mr. G. A. Crafts, C.E., acting under instructions from Mr. Clark, made the surveys and superintended the work.

A ten-inch drain pipe was laid from Charles Street to the eastern end of the Hospital, just north of the buildings, and with branches to connect with each series of soil pipes in the Hospital. Man holes were built nearly every hundred feet, for inspection, etc. A six-inch iron pipe passes from the main drain near the terminal end to a ventilating flue in the kitchen chimney. Another four-inch iron pipe connects the drain of the kitchen and laundry with the same flue. A six-inch branch from the main drain to the boiler-house terminates by a four-inch pipe in the smoke-flue of the boiler-house chimney. Both of these chimneys are eighty feet in height, and are far above and away from other parts of the Hospital. The draft in these pipes is very strong at all times. All the soil pipes within the house extend through the roof. All traps are ventilated to prevent syphoning. All closets, sinks, hoppers, and bath-tubs connect with soil pipes by S or D traps. The soil pipes are suspended to the beams in the basement, are fully exposed, and have clean-outs at every angle. They are trapped outside the walls, and have fresh-air pipes. Careful attention was given to have the work done well, and up to the present sanitary ideas. The old sewer was cut off some thirty feet outside of the buildings, stopped with brick cement and concrete. It was then opened under the buildings, and carefully and solidly filled with fresh earth, in which was a liberal supply of chloride of lime and sulphate of iron. The new system has been in operation two months, and seems to be quite complete.

We are much indebted to the many friends who have remembered us during the year.

The Cambridge Flower Mission continues its useful work, begun quite a number of years since, and does not confine its work to flowers alone, but furnishes a variety of entertainment for the patients, such as singing on Sundays, reading in every ward nearly every week, and Christmas gifts to all the patients on Christmas Day. Our Thanksgiving dinner for the patients was given by one of our lady friends, who has done the same for many years. Another of the charitable ladies of the city presented our Patients' Library with one hundred and fifty bound volumes of valuable and entertaining books. The Newspaper Society has supplied us daily with newspapers, etc., collected from the various railroad stations.

The Young Men's Christian Union gave us sixty-four rides, taking out two hundred and sixty-four patients.

I am again personally indebted to Dr. J. B. Swift for his willingness to assume my duties during nine months of the year, while I was unable to attend to them. I desire to express my gratitude to him, and to all the resident officers, nurses, and employés for their personal kindness and devotion to the Hospital during my enforced absence.

Respectfully submitted,

JAMES H. WHITTEMORE,
Resident Physician.

BOSTON, Jan. 1, 1885.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

Articles.	1877.			1878.			1879.			1880.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	9,100	$1,927.38	.2118	7,729	$1,610.72	.2084	8,375	$1,716.87	.205	8,815	$1,692.99	.19
" for Soup, "	560	23.80	.0425	132	5.28	.04	....	....	....	....	....	...
" Corned, "	5,889	479.54	.0816	4,378	324.72	.07415	123	288.61	.07	4,952	316.64	.07
" Round, "	9,327	805.85	.0864	11,944	1,016.43	.0851	12,973	1,054.70	.0813	16,414	1,148.98	.07
" Rump, "	6,882	1,163.05	.169	4,158	635.34	.1528	....	....	....	....	....	...
" Roasting, "	11,584	1,274.24	.11	14,998	1,349.82	.09	14,141	1,341.98	.0949	16,439	1,643.90	.10
Mutton, . . "	18,416	2,509.04	.13624	15,808	1,903.28	.1204	12,592	1,385.12	.11	15,522	1,876.60	.12
Poultry, . . "	13,509	2,475.65	.184	14,079	2,276.57	.1617	14,488	2,433.98	.168	13,682	2,123.44	.15
Butter, . . . "	10,056	2,644.72	.263	10,156	2,500.40	.2462	10,526	2,589.39	.246	11,011	3,366.06	.30
Eggs, . . doz.	4,608	967.68	.21	5,495	967.12	.176	4,392	843.26	.192	4,214	866.39	.20
Flour, . . bbls.	40	362.48	9.062	42	323.82	7.71	37	266.80	7.40	51	440.15	8.65
Bread, . . lbs.	34,343	1,717.15	.05	35,800	1,790.00	.05	36,556	1,827.80	.05	40,536	2,026.80	.05
Ice, . . . tons.	180⅓	627.54	3.48	238½	808.25	3.333	271¾	714.70	2.63	280¼	1,297.56	4.63
Sugar, . . lbs.	10,592	982.88	.0928	12,979	1,023.65	.0781	15,462	1,189.32	.769	21,005	2,003.87	.09
Tea, . . . lbs.	593	222.96	.376	738	254.61	.345	848	337.82	.398	1,134½	471.95	.41
Milk, . . . qts.	97,594	4,879.70	.05	107,618	5,380.90	.05	96,186	4,934.34	.0513	89,904½	4,495.22½	.05
Potatoes, . bush.	909	915.36	1.007	973	964.61	.77	942	1,010.76	1.073	1,039½	902.58	.86

Articles.	1881.			1882.			1883.			1884.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	8,658	$1,792.20	.207	7,856	$1,931.95	.245	8,793	$1,975.38	.224	8,845½	$2,183.64	.2
" for Soup, "	....	....	....	....	....	....	....	....	....	....	....	..
" Corned, "	5,183	367.99	.07	6,522	673.76	.103	6,925½	670.88	.095	6,487	583.08	.0
" Round, "	19,477	1,636.06	.084	19,705	1,976.68	.103	22,327	2,120.83	.095	25,821	2,531.60	.0
" Rump, "	....	....	....	....	....	....	....	....	....	....	....	..
" Roasting, "	16,438	1,758.86	.107	16,221	2,159.07	.133	16,962	2,047.78	.120	16,438	2,003.44	.1
Mutton, . . "	21,093	2,720.99	.129	16,365	2,216.01	.135	21,075	2,999.89	.142	15,186½	2,102.29	.1
Poultry, . . "	13,562	2,278.41	.168	12,082	2,348.41	.195	10,263	2,318.56	.225	12,798	2,523.79	.1
Butter, . . . "	11,129	3,505.63	.315	16,843	3,770.97	.221	10,468	3,329.97	.317	11,321	3,636.60	.3
Eggs, . . doz.	4,401	1,188.27	.26	5,234	1,470.59	.281	5,479	1,491.60	.272	8,374	2,182.67	.2
Flour, . . bbls.	49	468.73	9.565	49	459.25	9.937	52	406.00	7.80	53	383.25	7.2
Bread, . . lbs.	4,892	1,744.60	.05	35,340	1,943.70	.055	34,971	1,923.42	.055	36,245	1,992.48	.0
Ice, . . . tons.	305	887.55	2.91	352¾	737.72	2.209	380⅒	679.27	1.78	40,755	773.20	1.8
Sugar, . . lbs.	20,552	1,901.06	.09	22,192	2,021.57	.091	20,980	1,801.38	.086	22,474	1,563.49	.0
Tea, . . . lbs.	555	244.22	.44	1,114	446.85	.401	1,074	432.60	.402	1,080	435.85	.4
Milk, . . . qts.	92,350	4,617.50	.05	95,358	5,007.70	.052	106,032	5,637.78	.053	111,068½	5,907.26	.0
Potatoes, . bush.	981	1,101.66	1.125	1,005	1,374.72	1.368	1,062½	1,129.15	1.063	1,195	1,005.25	.9

Year.	Total admitted.	Free.	Paying board all the time.	Paying part of the time.	Whole number treated.			Discharged well.	Percentage on "Total admitted."	Much relieved, or relieved in part.	Not relieved.	Not treated, unfit, dismissed, etc.	Deaths.	Percentage on "Total admitted."	Greatest number free at one time.	Greatest number paying at one time.	Greatest total.	Least total.	Average.	Accidents.	Percentage.	Average time of paying weeks.	Average time of free weeks.	Patients remaining under treatment Dec. 31.		Out-patients treated.
					Paying board.	Paying board part of time.	Free.																	Paying.	Free.	
21 to 1843	8727	3733	4482	512	....	....	....	3991	....	2902	913	105	624	......	....	....	123	54								
1843	365	183	167	15	....	....	....	136	37	115	55	17	41	11	....	...	56	33	47*	....	....	4	6			
1844	435	250	174	11	....	....	....	183	43	137	41	23	47	11	....	30	71	40	53	55	12*	3 6-7	7 1-7			
1845	453	265	176	12	....	...	....	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	....	....	....	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	....	....	....	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	....	....	328
1848	804	460	283	61	....	....	....	400	50	219	52	39	103	13	86	38	124	94	108	103	12*	3 1-7	5	....	....	378
1849	870	543	273	54	....	....	....	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	....	....	272
1850	746	427	242	77	....	....	....	363	48	200	56	49	76	10	103	33	136	83	108	98	13	2 6-7	6	....	....	294
1851	839	477	298	64	....	....	....	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	....	....	237
1852	826	472	271	83	....	....	...	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	....	....	248
1853	925	505	335	85	....	....	....	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	....	....	358
1854	922	490	321	111	....	....	....	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	... .	....	477
1855	915	416	352	147	....	....	....	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	....	....	645
1856	976	545	335	96	....	....	....	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	....	....	887
1857	920	549	280	91	....	....	....	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	....	....	1574
1858	1015	718	251	46	....	....	....	514	50	229	65	50	127	13	120	31	144	91	123	186	18*	4	7*	....	....	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1199	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	5619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	50	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9.36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	840	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140	....	3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178	....	3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259	....	3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291	....	3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234	....	2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285	....	2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7.86	182	36	210	163	185	245	....	3.22	5.73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147	....	2.84	5.54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200	....	2.80	5.27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222	....	2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	151	7.16	165	35	188	156	170	351	....	2.58	4.53	17	157	20566
1881	2106	1678	402	26	419	26	1835	1324	62	429	70	103	189	8.96	168	39	195	139	166	391	....	2.79	4.41	15	140	18443
1882	2147	1736	399	12	414	12	1876	1312	61	463	59	13	177	8.13	167	35	195	143	168	348	....	2.84	4.41	24	141	16304
1883	2020	1492	449	79	473	79	1633	1286	63	378	61	108	181	8.93	168	49	189	143	168	432	....	2.75	4.80	32	128	7102*
1884	2096	1667	382	47	448	47	1815	1318	62	367	68	137	191	9.11	159	40	186	129	165	397	....	3	4.14	19	148	14824
	62773							24042		15615	3680	3462	5477													292491

MASSACHUSETTS GENERAL HOSPITAL.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week days, between the hours of 9 and 11 A.M. and 2 and 3 P.M.

Recent accidents admitted at all hours.

Out Patients received between 9 and 10 A.M., week days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and wait for a reply before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

JAMES H. WHITTEMORE, M.D.,
Resident Physician.

APRIL 5, 1885.

THE AMBULANCE

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness*, *not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JAMES H. WHITTEMORE,
Resident Physician,
Mass. Gen. Hospital, Blossom St.

SIXTY-SEVENTH ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1884.

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

Gentlemen, — The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1884, is respectfully presented: —

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, Jan. 1, 1884, . . .	70	95	165
Admissions within the year, ...	55	58	113
Whole number of *cases* within the year, . .	125	153	278
Discharged within the year, ...	46	57	103
Namely,— as Recovered, ...	10	24	34
Much improved, ...	3	10	13
Improved, ...	7	3	10
Unimproved, ...	18	11	29
Deaths, ...	8	9	17
Patients remaining Dec. 31, 1884, supported as private patients, ...	79	96	175
Number of different *persons* within the year,	123	149	272
" " " " admitted, . .	53	56	109
" " " " recovered, . .	10	24	34
Daily average number of patients, ...	74.90	91.41	166.31

During the year, two men were twice admitted, one of whom was discharged after the first admission and is now in the Asylum, being a voluntary patient on both occasions: the other man was discharged not improved, and, afterward being committed, is now in the Asylum. One woman was discharged much improved and readmitted as a voluntary patient three times. One woman was discharged not improved and recommitted. Thus there were two hundred and seventy-eight cases treated, representing two hundred and seventy-two persons.

Of the one hundred and nine persons admitted, seventy persons were regarded as recent cases and thirty-nine as chronic, or as incurable.

Seventy-five persons, forty men and thirty-five women, had never been in any hospital. Of the remaining thirty-four persons, eighteen, seven men and eleven women, were admitted for the second time; ten, four men and six women, for the third time; two, one man and one woman, for the fourth time; one woman for the fifth time; one woman for the eighth time; one woman three times, being the fourteenth, fifteenth, and sixteenth admissions respectively; and one man for the eighteenth time.

Fifty-three cases, representing forty-nine persons, twenty-five men and twenty-four women, were admitted as voluntary patients upon their written applications. Two men and one woman were not insane. The men, cases of alcoholism, were discharged recovered and improved respectively; and the woman is still in the Asylum. Of the remaining forty-six persons, thirty, twelve men and eighteen women, were cases of melancholia; eight, five men and three women, of mania and delusional insanity; five, three men and two women, of dementia; and three men of general paralysis. Of these voluntary cases, seven, five men and two women, were committed while still resident at the Asylum. One woman was admitted three times, as before stated, and two men twice. Of the seven persons committed while still resident, five were committed within four days, and one in four months after admission, because the cases were found to be unsuitable for the voluntary relation; and one man in two months, because of his request for discharge. Eight of the fifty-three voluntary cases, five men and three women, were discharged recovered; nine, five men and four women, improved or much improved; four, three men and one woman, not improved; and four, two men and two women, died.

There are remaining in the Asylum under the voluntary relation twenty-four persons, nine men and fifteen women. Thirteen of these voluntary patients had formerly been inmates of the Asylum.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49.

The whole number of persons admitted during the past five years is as follows: namely, 1879, 74; 1880, 51; 1881, 63; 1882, 82; 1883, 107; 1884, 109.

In 1884 there were four more admissions, eight less discharges, and two more cases under treatment than during the year 1883; and the number present was ten more at the end than at the beginning of the year.

Of the one hundred and one persons discharged, including deaths, fourteen were transferred to other hospitals, six men and five women to those in this State, and three men to the States of Maine, Rhode Island, and Connecticut respectively.

Of the thirty-four persons discharged recovered, twenty-seven had never before been inmates of any hospital; and, of the remaining seven persons, all had been in this Asylum. These seven persons had previously made twenty-nine recoveries, one of which was at another hospital.

The average duration of illness from the beginning of attack of all cases recorded was 10.52 months, and the average duration of their hospital residence was 7.22 months.

The percentage of recoveries on admissions was 30.09. There were three less recoveries than in the previous year. There were seventeen deaths, the same number as last year.

The nearly equal results of the last two years' work in relation to the numbers admitted and treated indicate that the limit of the capacity of the Asylum has been reached. In fact, it has been quite full during all the past year; and a larger number than usual of applicants for admission has been turned away for want of room.

The small proportion of recoveries of the voluntary cases admitted, eight in fifty-two cases, indicates the more serious character of the attacks of mental disturbance; and the fact that one-half of all these cases are remaining at the end of the year sustains that inference, and indicates also a satisfactory maintenance of the voluntary relation on the part of the patients. It should be noted also that at least one-third of the voluntary cases were of the chronic class when admitted.

The number of recoveries that will probably be furnished by the remaining twenty-seven voluntary cases will make the total of their recoveries equal to one-third of the whole number of cases. In other words, of every three of these cases, one was chronic on admission, one will recover, and the result for the third is doubtful. Thus, judging from the year's experience, the results afforded by this class of cases will not be much better than by our committed cases. In regard to the presence of voluntary cases in the Asylum, it can be said that its effect is increasingly good in many ways.

An incident occurred during the year, in relation to the discharge of a patient from the custody of the Asylum, worthy of notice as illustrating the satisfactory working, in one particular, of the present lunacy laws. A maiden lady, with no immediate family relatives, but with adequate means of support bequeathed by her father, was committed to the Asylum by the judge of a Police Court. The patient was partially demented and very troublesome, but not "dangerous to herself or others"; had become more excitable and difficult to manage, and required the restraints of a hospital or the care of judicious friends. The Probate Court, not long before, had appointed a guardian, on whose application the commitment was made, with the approval of some of her relatives. Action was taken by other interested relatives to vacate the guardianship by an appeal to the Supreme Court; and they also, at the same time, made a demand upon the Asylum for the person of the patient, on the ground that the authority of the guardian was thus annulled. Had there been no guardian, the Asylum might have been subject to greater embarrassment, in view of the conflicting claims of relatives. In this case, the guardian believed it to be for the best interests of his ward that she should remain in the care of the Asylum. Under the former order of things, the traditional desire of the Asylum, in its own obvious interest, to be free at once of such a patient, would have utterly failed of public recognition at least, and the Asylum would have been called into court and put into the attitude of defending itself for having the patient in its care at all; and if, as it is possible one-half of our patients might be, it should appear that the patient *could* be taken care of elsewhere, and was not "dangerous," the medical question of insanity and its treatment would have been lost sight of, the patient released, and the Asylum and all concerned publicly scandalized for doing a plain duty which it is performing every day.

On this occasion, it was only necessary to say, as usual, to the contesting parties that the Asylum would be glad to deliver the patient, at any time, to any authorized person, and that, she being here under the order of a Court, an order from like authority, discharging her from confinement, would be acceptable. This was granted by a Probate Court with the assent of all parties, including the Trustees of the Asylum, upon a hearing, it appearing to the Court that she would be sufficiently provided for by her guardian; and, with much satisfaction on the part of the Asylum, it was relieved from a situation which would formerly have subjected it to much unjust blame, to the detriment also of the general relation of hospitals to the public, which should be one of mutual confidence.

On the first of November, Miss L. E. Woodward, for many years a supervisor here, was promoted to the office of superintendent of nurses and matron, having previously spent some time in the Boston City Hospital Training School for Nurses. Miss M. F. Palmer had previously resigned the office. Miss M. E. Gordon, a graduate of the Training School above mentioned, having had experience here and in charge of our seashore cottage during the last summer, was appointed to the office of supervisor.

In former reports, the intention of establishing here a Training School for Nurses has been mentioned. My purpose to do this was formed before taking charge of the Asylum in 1879; and, during the subsequent five years, it was not only kept in view, but the way has been prepared for accomplishing that purpose. The conditions here being unlike those of a general hospital, there seemed to be special difficulties in the way of organizing a systematic scheme of instruction that should include enough of general nursing, as well as the care of cases of nervous and mental disease, to be of practical use in fitting young women to do useful work for themselves and the public. During this five years, the methods of the training schools have been gradually introduced; and for three years the practical work of the nursing service has been done in accordance with those methods, which for two years have only required to be supplemented by a course of formal instruction by lectures and class-room recitations. It was thought best not to enter upon this part of the work until preparation had been made to carry on a fully developed plan that should be something more than experimental. The value of such a school depends upon the thoroughness of its work and its permanency. The main portion of the teaching, besides the practical work in the wards, should be by the study of text-books, systematic class-drill, and practice in writing notes of lectures and clinical observations. The teachers should have time and competency for their work. It would be a great saving of valuable time and trouble to the Superintendent, and advantageous to the pupils, if the teachers themselves have had practical experience and technical training as nurses. The value of lectures by the medical officers is supplementary; and the subjects being studied at the time should be treated in them, except such as can be taught only by lectures. Finally, a formal organization is necessary to establish the school and place teachers and pupils under such obligations as shall sustain and perpetuate the work, in order that it may be of material and lasting benefit.

It has now come about that the nursing service is animated by the spirit which distinguishes the work of a nurse who pursues her calling as a profession, and the taking up of the formal work of training marks no transition in our methods of nursing. The joining of the school is made entirely voluntary for the nurses who are in the service, but those hereafter employed will be required to take the course of training. It is purposed to extend the system to the training of men nurses in the same way. The plan of the school is set forth in a printed circular, a copy of which may be found following the tables appended to this report.

It has been our policy to furnish nurses for private cases outside of the Asylum, if possible, and even at considerable inconvenience, whenever asked for; and this practice has been productive of good to all concerned, while promoting a comity of relations between the public and the Asylum. The result is that thirty-six of the nurses who have been employed here during the past five years — twenty-four women and twelve men — are known to have been, or to be still doing, good work as private nurses. The purpose of the school we have been organizing is to render more effective service to the public in this way, as well as to perfect our own work of caring for our patients.

The use of general hospital methods in the care of our patients has produced a variety of results. It is partly due to this that the night service has been considerably enlarged. There are now on regular duty thirteen night nurses, besides two night supervisors, for the purpose not only of watching the suicidal and very sick cases, but to afford that kind of attention at night which is a comfort to those who suffer from distressing nervous disorders, for some of whom nothing can be done beyond mitigating a condition of hopeless insanity. The practice of employing special attendants for individual cases is more common, and the presence of women as nurses in the men's wards continues to be most satisfactory.

The cottage at the seashore in Lynn was a source of much pleasure and benefit to some of our patients. Two ladies spent the whole season of four months there, and nine others had the privilege for a number of weeks. The curative influences of the life there were very marked in some cases. The usual attention has been given to entertainments and recreation for the patients.

The friends of the Asylum, who have continued to manifest their interest in its welfare, have our grateful thanks.

Very respectfully,

EDWARD COWLES,
Superintendent.

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

Months.	Admissions.			Discharges (including Deaths).			Daily Average of Patients in the House.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
January, . .	3	4	7	2	. .	2	69.35	87.49	156.84
February, .	5	6	11	2	9	11	69.38	91.72	161.10
March, . .	6	6	12	7	5	12	71.23	92.19	163.42
April, . . .	4	8	12	4	6	10	72.50	93.47	165.97
May, . . .	5	5	10	2	6	8	73.42	94.16	167.58
June, . . .	4	4	8	5	10	15	72.83	90.60	163.43
July, . . .	7	4	11	3	1	4	78.61	87.84	166.45
August, . .	7	3	10	3	6	9	79.13	90.71	169.84
September, .	4	5	9	8	1	9	81.93	91.97	173.90
October, . .	4	4	8	1	2	3	75.36	92.12	167.48
November, .	3	4	7	3	3	6	78.17	93.16	171.33
December, .	3	5	8	6	8	14	76.94	91.51	168.45
Total *cases*, .	55	58	113	46	57	103	74.90	91.41	166.31
" *persons*,	53	56	109	46	55	101	. .	. .	. .

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

Number of the Admission.	Cases admitted.			Times previously recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	40	35	75	. .	4	4
Second, ...	9	11	20	5	5	10
Third, ...	4	6	10	3	4	7
Fourth, ...	1	1	2	. .	. .	. .
Fifth, ...	. .	1	1	. .	. .	. .
Eighth, ...	. .	1	1	. .	. .	. .
Fourteenth, . . .	. .	1	1	. .	2	2
Fifteenth, ...	. .	1	1	. .	2	2
Sixteenth, ...	. .	1	1	. .	2	2
Eighteenth, . . .	1	. .	1	17	. .	17
Total of *cases*, . .	55	58	113	25	19	44
Total of *persons*, .	53	56	109	. .	. .	. .

These 44 recoveries represent 20 persons, 15 having recovered one, 4 two, and 1 seventeen times. One person representing 2 recoveries is entered three times in the table as fourteenth, fifteenth, and sixteenth admission.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

Ages.	At first attack of Insanity.			When admitted.		
	Males.	Females.	Total.	Males.	Females.	Total.
15 years and less,	. .	. .	. .	. .	. .	. .
From 15 to 20 yrs.,	. .	1	1	. .	. .	. .
" 20 to 25 "	5	4	9	5	4	9
" 25 to 30 "	2	7	9	2	6	8
" 30 to 35 "	8	7	15	7	6	13
" 35 to 40 "	1	5	6	2	3	5
" 40 to 50 "	11	7	18	11	10	21
" 50 to 60 "	3	1	4	2	3	5
" 60 to 70 "	5	1	6	6	1	7
" 70 to 80 "	5	1	6	5	. .	5
" 80 to 90 "	. .	1	1	. .	2	2
Total of *persons*,	40	35	75	40	35	75

TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

Places of Nativity.	Males.		Females.		Total.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine, ...	5	5	6	7	11	12
New Hampshire, .	6	5	6	4	12	9
Vermont, ...	2	2	1	1	3	3
Massachusetts, . .	23	25	26	24	49	49
Rhode Island, . .	. .	. .	. .	1	. .	1
Connecticut, . . .	2	3	1	1	3	4
New York, . . .	2	2	3	4	5	6
Maryland, . . .	. .	. .	1	1	1	1
New Jersey, . . .	1	. .	. .	. .	1	. .
Illinois, ...	1	. .	1	1	2	1
Washington, D.C., .	. .	. .	1	. .	1	. .
England, ...	4	4	1	3	5	7
Germany, ...	. .	. .	2	2	2	2
Ireland, ...	4	4	. .	1	4	5
New Brunswick, .	. .	. .	1	2	1	2
Nova Scotia, . . .	2	2	1	. .	3	2
Australia, ...	. .	. .	1	1	1	1
Holland, ...	. .	. .	1	. .	1	. .
Scotland, ...	. .	. .	1	1	1	1
Sweden, ...	. .	. .	1	1	1	1
Switzerland, . . .	1	1	1	1	2	2
Total of *persons*, .	53	53	56	56	109	109

TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

Places.	Males.	Females.	Total.
Massachusetts: —			
Suffolk County,	18	20	38
Middlesex County,	15	18	33
Essex County,	2	4	6
Norfolk County,	3	4	7
Berkshire County,	. .	1	1
Plymouth County,	2	1	3
Bristol County,	. .	3	3
Dukes County,	2	. .	2
Hampshire County,	. .	1	1
Worcester County,	1	. .	1
Maine,	5	2	7
Vermont,	1	1	2
Connecticut,	1	. .	1
New York,	2	. .	2
Illinois,	. .	2	2
Wisconsin,	1	. .	1
California,	. .	1	1
Canada,	1	. .	1
Nova Scotia,	1	. .	1
Total of *cases*,	55	58	113
Total of *persons*,	53	56	109

TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,	12	19	31	25	14	39	3	2	5
Second,	2	7	9	5	4	9	2	. .	2
Third,	1	2	3	3	4	7	. .	. .	. .
Fourth,	. .	. .	. .	1	1	2	. .	. .	. .
Fifth,	. .	1	1	. .	. .	. .	. .	. .	. .
Eighth,	. .	1	1	. .	. .	. .	. .	. .	. .
Fourteenth,	. .	. .	. .	. .	. .	. .	. .	1	1
Fifteenth,	. .	. .	. .	. .	. .	. .	. .	1	1
Sixteenth,	. .	. .	. .	. .	. .	. .	. .	1	1
Eighteenth,	1	. .	1	. .	. .	. .	. .	. .	. .
Total *cases*,	16	30	46	34	23	57	5	5	10
Total *persons*,	16	30	46	32	23	55	5	3	8

TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

Occupations.	Males.	Females.	Total.
Housewife,	. .	12	12
Clerk,	8	3	11
Publisher,	1	. .	1
Merchant,	13	. .	13
Farmer,	5	. .	5
Student,	2	. .	2
Teacher,	. .	7	7
Artist,	2	2	4
Physician,	3	. .	3
Clergyman,	3	. .	3
Civil Engineer,	1	. .	1
Army Officer,	1	. .	1
Saloon-keeper,	2	. .	2
Telegraph Operator,	. .	1	1
Mechanic,	9	. .	9
Milliner,	. .	1	1
Servant,	. .	1	1
No occupation,	3	29	32
Total of *persons*,	53	56	109

TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	. .	. .	. .	. .	. .	. .	. .	. .	. .
Under 1 mo.,	11	6	17	4	8	12	15	14	29
Fr. 1 to 3 mo.,	4	8	12	3	4	7	7	12	19
" 3 to 6 "	6	7	13	. .	2	2	6	9	15
" 6 to 12 "	4	5	9	2	3	5	6	8	14
" 1 to 2 yrs.,	9	5	14	2	1	3	11	6	17
" 2 to 5 "	2	2	4	4	3	7	6	5	11
" 5 to 10 "	3	1	4	. .	2	2	3	3	6
"10 to 20 "	1	1	2	. .	. .	. .	1	1	2
Total *cases*,	40	35	75	15	23	38	55	58	113
Total *persons*,*	. .	. .	. .	12	16	28	53	56	109
Average of known persons (in years),	1.59	1.26	1.42	1.15	.83	.95			

* Three persons not insane.

TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

Form of Disease.	Males.	Females.	Total.
Mania, acute,	13	10	23
Mania, chronic,	. .	1	1
Mania, hysterical,	. .	1	1
Melancholia, acute,	16	31	47
Melancholia, chronic,	1	4	5
Dementia, chronic,	6	7	13
Dementia, senile,	4	1	5
General Paralysis,	8	. .	8
Delusional Insanity,	5	2	7
Not insane,	2	1	3
Total of *cases*,	55	58	113
Total of *persons*,	53	56	109

TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

Causes.	Males.	Females.	Total.
Mental.			
Grief,	1	1	2
Anxiety,*	9	5	14
Spiritualism,	. .	1	1
Physical.			
Ill-health,	4	9	13
Injury to the head,	3	. .	3
Overwork,	9	12	21
Constitutional,	3	6	9
Change of life,	. .	1	1
Child-birth,	. .	2	2
Uterine disease,	. .	1	1
Masturbation,	1	. .	1
Sunstroke,	1	. .	1
Alcohol,*	8	2	10
Opium,	1	. .	1
Apoplexy,	2	. .	2
Senility,	3	2	5
Congenital,	. .	1	1
Unknown,	10	15	25
Total of *cases*,	55	58	113
Total of *persons*,	53	56	109

* Three of these persons not insane.

TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

	Males.	Females.	Total.
Never before in any Hospital,	40	35	75
Former inmates of this Hospital,	8	13	21
Former inmates of other Hospitals in this State: —			
Danvers,	2	3	5
South Boston,	. .	1	1
Worcester,	1	. .	1
Taunton,	1	. .	1
Private Asylum,	1	2	3
Former inmates of Hospitals in other States,	. .	1	1
Former inmates of this Hospital and of other Hospitals in this State: —			
Danvers,	. .	1	1
Private Asylum,	1	. .	1
Former inmates of this Hospital and of Hospitals in other States,	. .	1	1
Former inmates of foreign Hospitals,	1	1	2
Total of *cases*,	55	58	113
Total of *persons*,	53	56	109

TABLE No. 13.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,*	8	19	27	2	7	9	5	3	8	16	8	24	6	7	13	37	44	81
Second,	. .	1	1	. .	. .	. .	1	. .	1	2	3	5	2	1	3	5	5	10
Third,	1	2	3	1	1	2	1	. .	1	. .	. .	. .	. .	. .	. .	3	3	6
Fourth,	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Fifth,	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1	. .	1	1
Thirteenth,	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Fourteenth,	. .	. .	. .	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Fifteenth,	. .	. .	. .	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Eighteenth,	1	. .	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	. .	1
Total of *cases*,	10	24	34	3	10	13	7	3	10	18	11	29	8	9	17	46	57	103
Total of *persons*,	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	46	55	101

* Two of these persons not insane.

TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	7	3	10	5	1	6	1	. .	1
Fr. 1 to 3 mo.,	3	10	13	4	5	9	8	1	9
" 3 " 6 "	. .	7	7	. .	9	9	. .	4	4
" 6 " 12 "	. .	3	3	1	4	5	1	12	13
" 1 " 2 yrs.	. .	. .	. .	. .	2	2	. .	3	3
" 2 " 5 "	. .	1	1	. .	3	3	. .	4	4
Total *persons*,*	10	24	34	10	24	34	10	24	34
Average of known cases (in months),	.95	4.28	3.30	1.67	9.53	7.22	2.62	13.81	10.52

*One of these persons not insane.

TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo., . .	1	1	2	1	1	2	. .	. .	. .
From 1 to 3 mo.,	. .	1	1	3	. .	3	1	. .	1
" 3 to 6 "	. .	1	1	1	1	2	. .	1	1
" 6 to 12 "	. .	1	1	1	2	3	. .	. .	. .
" 1 to 2 yrs.,	5	1	6	. .	2	2	2	2	4
" 2 to 5 "	2	2	4	1	2	3	4	1	5
" 5 to 10 "	. .	2	2	1	1	2	1	5	6
Total, ...	8	9	17	8	9	17	8	9	17
Average of known cases (in months),	16.53	34.86	26.24	17.86	21.	19.52	34.39	55.86	45.76

TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute, . . .	7	2	9	3	1	4
Melancholia, acute, .	2	17	19	1	1	2
Melancholia, chronic, .	. .	. .	. .	1	3	4
Dementia, chronic, . .	. .	. .	. .	. .	3	3
Dementia, senile, . .	. .	. .	. .	2	. .	2
General Paralysis, . .	. .	. .	. .	1	. .	1
Hystero-epilepsy, . .	. .	. .	. .	. .	1	1
Alcoholism,*	1	. .	1	. .	. .	. .
Delusional Insanity, .	. .	4	4	. .	. .	. .
Puerperal Insanity, .	. .	1	1	. .	. .	. .
Total of *cases*, . . .	10	24	34	8	9	17
Total of *persons*, . .	10	24	34	8	9	17

* Not insane.

TABLE No. 17.

CAUSES OF DEATH.

Causes.	Males.	Females.	Total.
Cerebral Disease.			
General Paralysis, ...	1	. .	1
Exhaustion from Mania, ...	2	. .	2
Apoplexy, ...	. .	2	2
Other Causes.			
Pneumonia, ...	2	. .	2
Phthisis Pulmonalis, ...	. .	2	2
Senility, ...	2	. .	2
Suicide, ...	1	1	2
Ovariotony, shock, ...	. .	1	1
Erysipelas, ...	. .	1	1
Cellulitis, ...	. .	1	1
Peritonitis, ...	. .	1	1
Totals, ...	8	9	17

TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

Number of the Admission.	Recovered.			Much Improved.			Improved.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Second, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Third, ...	1	2	3	. .	. .	. .	. .	. .	. .	1	2	3
Fourth, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Thirteenth, . . .	. .	. .	. .	. .	1	1	. .	. .	. .	. .	1	1
Eighteenth, . . .	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1
Total of *persons*, .	2	4	6	. .	1	1	. .	. .	. .	2	5	7

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* This classification is based upon the result of the admission next preceding the last, in each case respectively.

TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, . . .	. .	. .	. .	. .	. .	. .
Under 1 month, . .	. .	. .	. .	1	1	2
From 1 to 3 months,	. .	. .	. .	2	1	3
“ 3 “ 6 “	. .	1	1	2	. .	2
“ 6 “ 12 “	. .	. .	. .	1	1	2
“ 1 “ 2 years,	2	2	4	. .	2	2
“ 2 “ 5 “	4	3	7	1	3	4
“ 5 “ 10 “	2	3	5	1	1	2
Total, ...	8	9	17	8	9	17
Average of known *cases* (in months),	39.62	48.22	44.18	19.66	26.63	23.11

TABLE No. 20.

AGES OF THOSE WHO DIED.

Ages.	At time of the first Attack.			At time of Death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 20 to 25 years,	1	2	3	. .	1	1
" 25 " 30 "	. .	1	1	1	1	2
" 35 " 40 "	1	2	3	. .	. .	. .
" 40 " 50 "	2	1	3	3	3	6
" 50 " 60 "	1	2	3	. .	3	3
" 60 " 70 "	2	. .	2	2	. .	2
" 70 " 80 "	1	1	2	2	1	3
Total, ...	8	9	17	8	9	17

TABLE No. 21.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

FROM ITS OPENING, OCT. 6, 1818, TO DEC. 31, 1884, INCLUSIVE.

Years.	Admitted.	Dis-charged.	Whole No. under care.	Died.	Much improved, etc.	Recovered.	Remaining at end of year	Average No. of Patients.
1818–25	398	344	623	29	205	110	279	. .
1826	47	46	101	5	21	20	55	. .
1827	58	56	113	5	17	34	57	. .
1828	77	65	134	5	37	23	69	. .
1829	73	77	142	9	42	26	65	. .
1830	82	78	147	10	34	34	69	. .
1831	83	84	152	8	46	30	68	. .
1832	94	98	162	10	45	43	64	. .
1833	103	100	167	8	50	42	67	. .
1834	108	95	174	7	47	41	80	. .
1835	83	84	163	11	28	45	77	. .
1836	106	112	183	10	38	64	71	. .
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	48	19	151	157
1880	51	48	202	6	30	12	154	152
1881	66	65	220	14	37	14	155	150
1882	82	70	237	8	36	26	167	156
1883	109	111	276	17	57	37	165	164
1884	113	103	278	17	52	34	175	166
	6,826	6,651		978	2,817	2,856		

TABLE No. 22.

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY YEARS,—1864-1884.

	Applications.	Admissions.		American.		Foreign.		Not Admitted.	Discharged, cured, relieved, or improved.		Percentage of same on Admissions.		Died.			Whole number under care in the year.		Number of free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		Average time in weeks Paying and Free at Hospital.		Out-Patients.
Years.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3.7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5.1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	681	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3.4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3.9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3.1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3.3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80.80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	32	81.53	62.7	151	6	351	2284	202	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566
1881	2786	2106	66	1074	57	1032	9	680	1853	37	82.19	56	189	14	391	2270	220	1835	419	26	195	161	139	147	166	150	168	39	2.79	4.41	18443
1882	2587	2147	82	1127	73	1020	9	440	1775	47	87.83	57 3	177	8	348	2302	237	1876	399	12	195	166	143	149	168	156	167	35	2.84	4.41	16304
1883	2460	2020	109	1035	93	985	16	440	1664	63	82.33	57.8	181	17	432	2185	276	1633	473	79	189	171	143	151	168	164	168		2.75	4.80	*7102
1884	2494	2096	113	1043	95	1053	18	398	1685	57	80.39	50.4	191	17	397	2310	278	1815	448	47	186	175	129	154	165	166	159	40	3	4.14	14824

* Out-Patient Department open only five months.

TABLE No. 23.

TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

Articles.	1881.			1882.			1883.			1884.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, ... lbs.,	56,835½	$6,467.14	.1137	57,936½	$7,869.37	.1358	67,534	$8,604.15	.1274	69,313	$9,573.72	.1381
Mutton and Lamb, "	23,583	2,308.16	.0978	20,340	2,104.57	.1034	23,280	2,406.70	.1033	22,221	2,154.00	.0969
Veal, ... "	19,707	1,846.00	.094	13,367	1,445.17	.108	10,401	1,173.42	.1128	11,916	1,319.68	.1107
Poultry, ... "	20,052¾	3,517.55	.175	18,946	3,815.64	.201	11,324	2,422.44	.213	12,806	2,753.43	.215
Ham, etc., . . . "	10,148¼	1,087.55	.107	9,724¼	1,234.90	.126	7,970	1,043.39	.13	11,220	1,480.33	.131
Eggs, ... doz.,	11,523	3,084.19	.269	11,153½	3,143.77	.277	10,758	3,009.04	.279	10,579	2,590.78	.244
Lard, ... lbs.,	2,093	244.44	.1167	1,041	133.08	.127	1,680	186.75	.111	2,045	201.10	.098
Flour, ... bbls.,	413	3,219.16	7.794	455	3,767.15	8.279	507	3,690.67	7.279	541	3,531.57	6.527
Butter, ... lbs.,	21,979¾	6,163.79	.2804	20,780	6,276.21	.302	21,612	5,939.32	.274	20,991	5,497.28	.261
Coffee, ... "	3,841	945.95	.246	3,955	944.80	.2388	3,530	862.57	.244	2,904	720.65	.248
Tea, ... "	1,609	513.58	.319	1,522	501.31	.3294	1,406	460.54	.327	1,215	403.02	.331
Sugar, ... "	24,932	2,338.88	.0938	26,489½	2,462.13	.0929	27,672	2,421.10	.874	28,351	1,951.19	.068
Lights, Gas, etc., feet,	....	2,771.42	....	....	3,858.49	....	....	3,379.25	....	....	3,461.92	....
Coal, ... tons,	1,099$\frac{350}{2000}$	6,635.44	6.036	1,200$\frac{252}{2000}$	7,284.95	6.07	1,022$\frac{1050}{2000}$	6,303.39	6.164	1,434$\frac{1393}{2000}$	7,786.65	5.427
Wood, ... cords,	15	140.70	9.38	14¼	103.31	7.25	8½	55.25	6.50	....	....	....
Ice, ... tons,	366$\frac{300}{2000}$	849.88	2.33	423$\frac{1600}{2000}$	759.46	1.79	481$\frac{100}{2000}$	841.79	1.75	486$\frac{1800}{2000}$	930.62	1.911

MASSACHUSETTS GENERAL HOSPITAL.

McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

The Trustees of the Massachusetts General Hospital are prepared to give, at the McLean Asylum for the Insane, to women desirous of becoming professional nurses, a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years; they must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health. Upon the recommendation of the Superintendent of the Hospital and the approval of the Trustees, they will be received for two months on probation.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the Nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial is determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can in

like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc.; and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc.; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine; and the managing of convalescents.

The instruction is given mainly by the Superintendent of the Training School, and by the Supervisor and Head Nurses. Lectures and demonstrations will be given, at stated periods, by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Hospital, and are paid fourteen dollars

($14) per month during the first year, and sixteen dollars ($16) per month during the second year, for their clothing and personal expenses. Their education during this time is considered as compensation for their services.

They are required to wear at all times, while on duty in the wards, the hospital uniform dress.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the school, for any reason which may be deemed sufficient.

N.B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.

QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Christian name in full of Candidate. . . . .
2. Are you a single woman or widow? . . . .
3. Your present occupation or employment? . . . .
4. Age last birthday, and date and place of birth? . . . .
   . . . .
5. Height? . . . . Weight? . . . . . . :
6. In what school or schools educated? and in what place? . . . .
   . . . .
7. Are you strong and healthy? and have you always been so? . . . .
   . . . .
8. Are your sight and hearing perfect? . . . .
9. Have you any physical defects? . . . .
10. Have you any tendency to pulmonary complaint? . . . .
11. If a widow, have you children? How many? Their ages? How are they provided for? . . . .
    . . . .
    . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . .
    . . . .
14. The names in full and addresses of two persons not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.
    Name, ...
    Address, ...
    has known me years.
    Name, ...
    Address, ...
    has known me years.

Having read, and clearly understanding the foregoing conditions and regulations, I declare the above statement to be correct.

Signed, ...
Candidate.

Present Address, ...

Date, ... 188 . . . .

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1885.

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Vice-President.

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Board of Consultation.

HENRY I. BOWDITCH, M.D.
ALGERNON COOLIDGE, M.D.
D. H. STORER, M.D.
CHARLES E. WARE, M.D.
MORRILL WYMAN, M.D.
SAMUEL CABOT, M.D.

*Appointed by the Governor of the Commonwealth.

OFFICERS OF THE HOSPITAL.

Resident Physician.

James H. Whittemore, M.D.

Visiting Physicians.

George C. Shattuck, M.D.
Francis Minot, M.D.
Samuel L. Abbot, M.D.
George G. Tarbell, M.D.
Wm. L. Richardson, M.D.
Edward N. Whittier, M.D.

Visiting Surgeons.

Henry J. Bigelow, M.D.
Richard M. Hodges, M.D.
Charles B. Porter, M.D.
John Collins Warren, M.D.
Henry H. A. Beach, M.D.
John Homans, M.D.

Physicians to Out-Patients.

Elbridge G. Cutler, M.D.
Frederick C. Shattuck, M.D.
William W. Gannett, M.D.
Frank B. Harrington, M.D.

Surgeons to Out-Patients.

Arthur T. Cabot, M.D.
Maurice H. Richardson, M.D.
George W. West, M.D.

Physician to Out-Patients with diseases of the Skin.

James C. White, M.D.

Physician to Out-Patients with diseases of the Nervous System.

James J. Putnam, M.D.

Physicians to Out-Patients with diseases of the Throat.

Frederick I. Knight, M.D.
S. W. Langmaid, M.D.

Ophthalmic Surgeon to Out-Patients.

Oliver F. Wadsworth, M.D.

Dental Surgeon.

—— ——

Microscopist and Curator of the Pathological Cabinet.
Reginald H. Fitz, M.D.

Chemist.
Edward S. Wood, M.D.

Artist.
Henry P. Quincy, M.D.

Medical House Pupils, 1884–85.
Henry Jackson.
George G. Sears.

Surgical House Pupils, 1884–85.
Henry C. Baldwin.
Dillon Brown.
George M. Kimball.
Edward Reynolds.

Matron.
Miss G. L. Sturtevant.

Apothecary.
William A. Cameron.

OFFICERS OF THE McLEAN ASYLUM.

Superintendent.
Edward Cowles, M.D.

1*st Assistant Physician.*
George T. Tuttle, M.D.

2*d Assistant Physician.*
Frederick M. Turnbull, M.D.

Medical House Pupils.
A. J. Abbe.
J. W. Babcock.

Purveyor.
John P. Bradbury.

Superintendent of Nurses.
Miss L. E. Woodward.

Clerk.
Miss F. E. Gilbert.

Supervisors.
—— ——
Miss M. E. Gordon.

Apothecary.
D. W. Spence.

VISITING COMMITTEE.

January and July.

Messrs. Eliot and Thayer.

February and August.

Messrs. Hale and Warren.

March and September.

Messrs. Bemis and Proctor.

April and October.

Messrs. Kidder and Wolcott.

May and November.

Messrs. Morrill and Endicott.

June and December.

Messrs. Dwight and Bowditch.

LADIES' VISITING COMMITTEE.

January and February.

Miss E. Gray.
Miss E. Goodwin.

March.

Miss T. Dodge.
Miss M. Silsbee.

April.

Miss Dodge.
Mrs. R. Russell.
Miss Silsbee.
Miss E. M. Eliot.

May.

Mrs. Russell.
Miss A. Rotch.
Mrs. Eliot.

June and October.

Mrs. Eliot.
Miss I. G. Beal.

November and December.

Mrs. H. W. Haynes.
Miss A. W. Morrill.

STANDING COMMITTEES.

On admitting Asylum Patients.

Messrs. WARREN and DWIGHT.

On Finance.

Messrs. KIDDER and MORRILL.

On Accounts and Expenditures.

Messrs. WOLCOTT, THAYER, and DWIGHT.

On Buildings and Repairs.

Messrs. DWIGHT, WARREN, and ELIOT.

On Free Beds.

Messrs. BOWDITCH and PROCTOR.

On the General Library and Warren Fund.

Messrs. ELIOT and HALE.

On the Book of Donations.

Dr. BEMIS.

Committee on Election of Externes and House Pupils.

Messrs. ELIOT, MORRILL, BOWDITCH, and WOLCOTT.

Committee on New Asylum and Grounds.

Messrs. DWIGHT, ELIOT, WARREN, ENDICOTT, and BOWDITCH.

SEVENTY-SECOND ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

AND

McLEAN ASYLUM,

1885.

Printed at the Expense of the Bowditch History Fund.

BOSTON:
GEORGE H. ELLIS, PRINTER, 141 FRANKLIN STREET.
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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1885.

THE Committee of the Trustees appointed to prepare the annual report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other officials have been referred, respectfully submit the

SEVENTY-SECOND ANNUAL REPORT.

The Trustees of the Hospital feel deeply the loss to the Hospital caused by the death of its long-tried and able Resident Physician.

Dr. Whittemore served the Hospital in this capacity for ten years; and during the whole period of his service, won the respect and sincere friendship of all those connected in any way officially with the Institution, as well as the lasting gratitude of its many patients and employés.

The following resolutions were passed at a meeting of the Trustees, held Jan. 9, 1886: —

The death of Dr. Whittemore is deeply felt by the Trustees. They recall the high qualities which fitted him for the service of this Institution, and which, in his long connection with it, were constantly ripening. His energy, his quick response to every call made upon him, his administrative ability, his seizure of every opportunity to advance the work under him, his independence, his sympathy, and his comprehensive grasp of the interests in his charge — alike those of patients, attendants, nurses, officers, staff, and Corporation — were easily recognized by all his associates.

He served the Hospital and the Asylum for twenty years, half this time as Resident Physician of the Hospital. Each year of his administration has borne witness to his power and fidelity. Always ready to suggest improvements and to receive the suggestions of others, he carried out a plan once determined with signal ability.

The loss of his devotion to the Hospital is not to be measured by words. It is to be appreciated hereafter even more than at present, and yet there is no one of us even now but fully shares in the sorrow for his departure. Nor is thankfulness wanting, both for the honorable career that has been fulfilled and for the peaceful ending of sufferings and anxieties, borne with a cheerful fortitude beyond all praise.

His memory will long be cherished by the officers, patients, and friends of the Hospital which he loved and faithfully administered to the very close of his life.

The Medical and Surgical Staff remains the same as last year, with the exception of the loss of Dr. R. M. Hodges from the Surgical Staff, whose resignation has just been accepted by the Trustees with great regret.

The following resolutions were passed by the Trustees at the meeting when his resignation was accepted: —

As is well known to this Board, Dr. Hodges has twice offered his resignation and as often withdrawn it at the earnest request of the Board. The Trustees feel that they ought no longer to resist his repeated wish that the resignation be accepted; since they understand that the Service which has reflected so much honor on the Hospital has long made too great encroachments on time demanded by private professional duties. Dr. Hodges was elected to the Board of Visiting Surgeons in 1863, succeeding the late Dr. Townsend. It is unnecessary to say how highly the Trustees have appreciated his untiring and efficient devotion. They desire to express their profound regret that the time has come when they must reluctantly yield to his wish. They offer him hearty thanks for his eminently kindly and skilful Service.

The Staff at the Asylum remains the same, with the exception of the election of Dr. J. W. Babcock as Second Assistant Physician in place of Dr. Baldwin, who resigned.

The Training School for Nurses at the Asylum is now in good working order, and bids fair to supply a long-felt want.

The Gay Building has proved of great comfort and value to the Out-patient Department. One sanitary tower has been completed, containing all the bathrooms and water-closets for the wards on the north side of the main building, and will free those wards from all possible taint from bad drainage. The other tower will undoubtedly be built before another year has passed.

The Hurd Building (so named because built by money left the Hospital by Mr. Francis H. Hurd) for nurses at the Asylum, has just been completed and will add much comfort to the nurses in that Institution. Mr. Morrill felt obliged to resign as Trustee of the Hospital, much to the regret of the other members of the Board; and Mr. Thornton K. Lothrop was elected to fill his place.

During the year, fire-escapes have been put on the Ladies' Appleton as well as on the other buildings at Somerville, which were not considered properly guarded in this respect.

The accounts of the Treasurer for 1885, together with the assets of the Corporation, have been examined and found to be correct.

The Trustees gratefully acknowledge the following donations and legacies:—

Bequest of Francis H. Hurd, ...	$10,030.56
Donation of Mrs. Lydia P. Proctor, for the Beneficiaries at the Asylum, ...	1,000.00
Part of bequest of M. P. Sawyer, income to belong to Free Bed Fund, ...	16,233.15
Donation of H. S. Teschmaker, ...	100.00
Donation of E. R. Hoar, ...	100.00
Donation of J. A. and A. P. Rockwell, ...	150.00
Donation of "Francis," for Convalescent Home, ...	40.00
	27653.71

The subscription to the Free Bed Fund this year has amounted to $9,450, a falling off from past years. The Trustees take this opportunity to suggest to the many friends of the Hospital that money for this object was never more needed than now. The amounts required for subscription to free beds are for one year, $100; for one life, with right upon nomination, to extend it to two lives, $5,000; for railroad corporations, for use of one bed for twenty years, $5,000; ditto for one year, $500: all subject to the Rules of the Hospital.

The Trustees desire to inform the friends of the Hospital as well as the public, that children are always welcomed as patients. Their presence in a ward not only does good in many ways to the older patients who are fortunate enough to be in the same room with them, but it is also believed that better results to the children are attained by having some older patients among them.

The Convalescent Home is increasing its work in a way most satisfactory to the Trustees but the public do not make as much use of it as was hoped for. The Home was not built solely for patients from the Massachusetts General Hospital but for convalescents from any other hospital, hotels, boarding houses, or from private houses, where quiet and rest, with fresh country air, with good food, could not easily be procured.

From the appended report of the Superintendent, it will be seen that the average number of patients in the Hospital was 167, of whom the average number of 150 had free beds.

The whole number of patients admitted for the year was 2,327.

The whole number of patients treated in the Out-patient Department was 13,814.

The Trustees are anxiously looking forward to the time when they can commence the asylum buildings on their new grounds at Waverley, to which, during the last year, some forty acres have been added by purchase.

The Trustees again thank the lady visitors and other kind friends of both Institutions who have cheered so many patients by their kind words and attentions. Not the least of these has been the music by the choir in the wards, on Sunday afternoons.

The reports of the Superintendents of both Institutions, the Treasurer's report and that of the Out-patient Department are appended.

At the last meeting of the Board for the year, the following minute was adopted:—

Mr. Kidder has been a Trustee for fourteen years. His qualifications for honorable and helpful duty in this office were numerous and striking. His kindliness, his good judgment, his mastery of broad administrative measures as well as of the details essential to all administration, his power to meet emergencies, signally shown in defending the Hospital against threatened injury from high quarters a few years since,— these and many other admirable personal traits were enhanced by the strong position he held in the community as a man of remarkable success, and not only financial, but moral and philanthropic success. The Governor and Council could have selected no more fitting representative of the Commonwealth in this Institution which bears its name. He stood for both the intelligence and the humanity of Massachusetts; and he brought both into the service of the Hospital, to its lasting advantage.

His fellow Trustees reverently acknowledge their very great obligations and those of all associated in the work of the Hospital, to their departed friend. His memory and his example remain untouched by death.

E. F. BOWDITCH, } *Committee.*
CHARLES V. BEMIS, }

MASSACHUSETTS GENERAL HOSPITAL,
Feb. 3, 1886.

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL.

TO THE BOARD OF TRUSTEES:

Gentlemen,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1885, is respectfully submitted, to be laid before the Corporation at its annual meeting.

Dr. FRANKLIN HAVEN, Jr., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

To Balance Cash on hand,	$11,298.07	By Cash paid Insurance,	$1,555.50
" Railroad Bonds sold,	13,537.50	" " " Annuitants,	1,586.00
" Union League Bonds paid,	3,000.00	" " " Annual Report, 1884,	339.33
" Delaware Mutual Ins. Co. Scrip paid,	365.00	" " " Improvements at Belmont,	5,274.62
" Notes receivable,	50,916.67	" " " Expenses of Hospital,	104,140.46
" Donations and legacies,	27,483.71	" " " Expenses of Asylum,	140,278.86
" One-third profits Mass. Hospital Life Ins. Co.,	5,000.00	" " " Account H. Wilson,	477.40
" Income from investments,	97,911 71	" " " Expenses of Convalescent Home,	7 777.70
" Board of paying patients at Asylum,	140,308.60	" " " Sanitary Tower at Hospital,	9,407.11
" Board of paying patients at Hospital,	16,675.50	" " " Hurd Building and Heating Apparatus,	10,030.56
" Board of paying patients at Convalescent Home,	68.00	" " " Investments,	86,818.75
" Amount received account H. Wilson, as per contract,	11,100.00	" " " Library,	281.20
" Subscribers for Free Beds ($3,500 received for this purpose in 1884),	5,950.00	" " " Wooden legs,	425.00
" Subscribers for Free Beds for 1886 in advance,	4,900.00	" " " Premiums,	2,713.81
" Edward Cowles, Superintendent, balance in account,	894.49	" " " Warren prizes,	10.00
" James H. Whittemore, Resident Physician, balance in account,	1,348.10	" Balance Cash on hand,	19,766.05
" A. W. Folsom,	125.00		
	$390,882.35		$390,882.35

The expense of carrying on the business of the Corporation for the year 1885 has been $252,197.02, namely: —

On account of Hospital Department, . . .	$104,140.46	
" " " McLean Asylum, ...	140,278.86	
" " " Convalescent Home, ...	7.777.70	
		$252,197.02
The amount charged to patients was, . . .	$157,052.10	
Income from various funds applicable, . . .	95,443.91	
		252,496.01
Leaving balance to credit of General Fund, ...		$298.99

The receipts at the McLean Asylum exceeded the expenses $9,460.50, which amount has been credited to the General Fund; while the expenses at the Hospital have exceeded the receipts by $8,833.03, and at the Convalescent Home by $328.48, making net balance added to the General Fund $298.99, as above.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1885: —

Expenses at the Hospital (see Table 4), . .	$104,140.46	

Receipts.

Income from Redman Fund (see Table 7), .		$25,395.30
" " Free Bed Funds (see Table 7), .		30,904.17
" " Funds, income unrestricted (see Table 7), ...		2,232.00
" " General Fund (see Table 7), .	pg. 181	10,650.46
" " Free Bed Subscriptions (see Table 8), ...		9,450.00
Amount charged to patients, ...		16,675.50
Deficit from General Fund, ...		8,833.03
		$104,140.46

TABLE No. 2.

McLEAN ASYLUM.

Expenses and receipts for the year 1885: —

Expenses at the Asylum (see Table 5), . . . $140,278.86

Receipts.

Income from Fund for Beneficiaries, ...	$4,129.76
" " " " Female Beneficiaries, .	4,743.00
" " Amusement Fund, ...	558.00
Amount charged to patients, ...	140,308.60
	$149,739.36
Balance of Receipts over Expenses credited to the General Fund, ...	9,460.50

TABLE No. 3.

CONVALESCENT HOME.

Expenses and receipts for the year 1885: —

Expenses at Convalescent Home (see Table 6), $7,777.70

Receipts.

Income from Convalescent Home Fund, . .	$7,381.22
Amount charged to patients, ...	68.00
Deficit from General Fund, ...	328.48
	$7,777.70

TABLE No. 4.

Expenses of the Hospital Department: —

For Stores, ...	$38,360.54
Gas and Oil, ...	2,698.40
Water and Ice, ...	3,005.32
Wages, ...	27,760.65
Medicine, ...	2,824.43
Furniture, ...	5,884.31
S. Apparatus > Surgical Instruments, ...	1,410.14
Stationery, ...	766.28
Wines and Liquors, ...	2,571.82
Salaries, ...	5,279.00
One-half General Expenses, ...	931.45
Fuel, ...	7,717.64
Contingencies, ...	1,087.74
Repairs, ...	3,842.74
Instruments	$104,140.46

These expenditures have been for account of: —

1,910 Free Patients for 7,800 weeks, ...	$93,411.59	
417 Paying Patients for 884 weeks, ...	10,728.87	
		$104,140.46

The average number of patients was, in 1884,	161	
The average number of patients has been, in 1885, ...	167	
The average cost per week was in 1884, 8,378 weeks, ...	$14.75	
The average cost per week has been, in 1885, 8,684 weeks, ...	12.00	
The total expenses were, in 1884, ...	123,430.31	
The total expenses have been, in 1885, . . .	104,140.46	
The amount paid for account of free patients has been, ...		$93,411.59

The amount received for them has been: —

From Income of Free Bed Funds, . . .	$30,904.17	
From 82 Subscribers for this object (see Table 8), ...	9,450	
		40,354.17
		$53,057.42

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores, ...	$41,194.17
Laundry, ...	9,199.96
Fuel, ...	6,471.70
Stationery, ...	402.27
Medicines and Liquors, ...	2,714.94
Contingencies, ...	3,239.53
Furniture, ...	6,858.03
Repairs, ...	14,102.08
Diversions, ...	1,570.80
Water and Ice, ...	3,060.88
Lights, ...	2,978.91
Wages, ...	30,410.26
Amount carried forward, ...	$122,203.53

Amount brought forward,	$122,203.53	
Salaries,	8,058.30	
One-half General Expenses,	931.45	
Library,	450 00	
Stables,	4,805.81	
Garden,	3,205.01	
Lynn Cottage,	2.564.28	
		$142,218.38
Less Cr. Clothing, $397.92; Farm, $1,541.60.		1,939.52
		$140 278.86

These expenditures have been for account of: —

Patients paying cost and more,		$45,842.67
Patients paying less than cost,		94,436.19
The average number of patients was, in 1884,	166	
The average number of patients has been, in 1885,	171	
The average cost per week was, in 1884,	$16.00	
The average cost per week has been, in 1885,	15.72	
The total expenses were, in 1884,		139.201.75
The total expenses have been, in 1885,		140.278.86

The amount expended at the Asylum for patients who have paid less than cost has been,		$94,436.19
The amount received has been: —		
From patients, 6,003 4-7 weeks' board at less than cost,	$50,622.84	
Income of Funds for Beneficiaries,	4,129.76	
Income of Funds for Female Beneficiaries,	4 743 00	
Income of Amusement Fund,	558.00	
		60,053.60
		$34,382.59

The deficiency has been drawn in part from patients paying more than cost, and the remainder from funds applicable to the purpose.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

For Stores,	$3,728.01
Gas and Oil,	48.67
Furniture,	88.52
Wages,	2,170.84
Fuel,	566.86
Amount carried forward,	$6 602.90

Amount brought forward,		$6,602.90
Ice,		96.62
Repairs,		540.52
Contingencies,		526.66
Stationery,		11.00
		$7,777.70
Whole number of patients admitted during the year, males,	146	
Whole number of patients admitted during the year, females,	169	
		315
Whole number discharged during the year,		318
Remaining, Jan. 1, 1886, males,	6	
Remaining, Jan. 1, 1886, females,	7	
		13

TABLE No. 7.

INCOME FROM INVESTMENTS.

From Annuities Receivable,	$6,400.00
City Bonds,	213.89
United States Bonds,	200.00
Mass. Hospital Life Ins. Co. Stock,	4,000.00
Railroad Bonds,	30,664.39
Manufacturing Stocks,	3,330.00
Bank Stocks,	4,045.00
Real Estate, Productive,	26,705.50
Notes Receivable,	19,301.52
Union League Club Bonds,	450 00
Interest,	679.51
Delaware Mutual Ins. Co.'s Scrip, Interest,	21.90
Railroad Stocks,	1,900.00
	$97,911.71

Which has been distributed as follows: —

To G. H. Gay Fund,		$289.82
Redman Fund,		25,395.30
Warren Prize Fund,		167.40
Bowditch History Fund,		111.60
Wooden Leg Fund,		279.00
Redman Annuities,		936.00
Clara Barton Annuity,		180.85
Surgical Instrument Fund,		75.33
Amusement Fund,		558.00
Free Bed Funds, for use,	$30,904.17	31,604.17
Free Bed Funds, for Joy Annuitants,	700.00	
Amount carried forward,		$59,597.47

Amount brought forward,	$59,597.47
Beneficiaries at Asylum Funds,	4,129.76
Warren Library Fund,	55.80
Treadwell Library Fund,	279 00
One-half Lincoln Fund,— Female Beneficiaries,	4,743.00
Funds with Income Unrestricted,	2,232.00
General Fund,	10,650.46
Convalescent Home Fund,	7,381.22
Asylum Building Fund,	8.843.00
	$97,911.71

The Income for 1883 was,	$92,609.14
The Income for 1884 was,	97,711.45
The Income for 1885 has been,	97,911.71

TABLE No. 8.

SUBSCRIBERS TO FREE BEDS FOR 1885.

William Amory,	$100
C. W. Amory,	100
Boston & Lowell R.R. Co.,	300
Boston & Providence R.R. Co.,	100
Sidney Bartlett,	100
J. P. Bradlee,	100
Mrs. E. A. Bowditch,	200
J. L. Bremer,	100
Miss Brewer,	100
Martin Brimmer,	100
P. C. Brooks, Jr.,	100
Shepherd Brooks,	100
Mrs. Laura M. Case,	100
T. Jefferson Coolidge,	100
J. T. Coolidge, Jr.,	100
Mrs. J. G. Cushing,	100
G. S. Curtis,	100
J. Randolph Coolidge,	100
Cambridge R.R. Co.,	100
F. Gordon Dexter,	100
Mrs. C. H. Dalton,	100
George Dexter,	300
Stephen G. Deblois,	100
Samuel Eliot,	100
William Endicott, Jr.,	100
John Foster,	100
H. H. Fay,	100
Sarah S. Fay,	200
Joseph S. Fay,	100
Fitchburg R.R. Co.,	200
George A. Gardner,	100
John L. Gardner,	200
Joseph B. Glover,	100
Mrs. Ozias Goodwin,	100
Carried forward,	$4,200
Brought forward,	$4,200
Miss Eliza Goodwin,	100
R. C. Greenleaf,	100
W. O. Grover,	100
W. W. Greenough,	100
George Higginson,	100
R. W. Hooper,	100
Miss Eunice Hooper,	100
George D. Howe,	100
Hoosac Tunnel Dock & Elevator Co.,	100
Samuel Johnson,	100
Mrs. Charlotte A. Johnson,	100
Henry P. Kidder,	200
Amory A. Lawrence,	100
Mrs. Anna C. Lodge,	100
Theodore Lyman,	100
W. Powell Mason,	100
Ida M. Mason,	100
Mass. Humane Society,	200
Charles Merriam,	100
Mrs. Caroline Merriam,	100
C. J. Morrill,	100
Misses M. C. and H. K. Mixter,	100
Old Colony R.R. Co.,	100
Pacific Mills Relief Society,	100
F. H. Peabody,	100
W. D. Pickman,	100
A. L. Rotch,	100
H. B. Rogers,	100
Henry Saltonstall,	100
F. R. Sears,	100
J. P. Squire & Co.,	200
Mrs. G. H. Shaw,	100
Carried forward,	$7,700

Brought forward, . . .	$7,700
H. S. Shaw, ...	100
Nathaniel Thayer, . . .	200
E. N. R. Thayer, ...	100
J. E. Thayer, ...	100
Bayard Thayer, ...	100
W. W. Tucker, ...	100
George W. Wales, . . .	100
Charles E. Ware, ...	100
R. C. Winthrop, Jr., . .	100
Carried forward, . . .	$8,700

Brought forward, . . .	$8,700
Otis E. Weld, ...	100
Henry Woods, ...	100
Miss Anne Wigglesworth,	200
J. Huntington Wolcott, .	100
Mrs. T. L. Winthrop, . .	100
Dr. J. A. and A. R. Rockwell (donation), . . .	150
	$9,450

Total Free Bed Subscriptions (89) in 1884, ...	$10,056
Total Free Bed Subscriptions (82) in 1885, ...	9,450

TABLE No. 9.

TREADWELL LIBRARY FUND.

Balance, Dec. 31, 1884 : —		
Principal, ...	$5,000.00	
Income, ...	220.20	
		$5,220.20
Amount of income received, ...	$279.00	
Amount of income expended, ...	281 20	
		2 20
		$5,218.00
Balance, Dec. 31, 1885 : —		
Principal, ...	$5,000.00	
Income, ...	218.00	

TABLE No. 10.

WOODEN LEG ACCOUNT.

Balance, Dec. 31, 1884 : —		
Principal, ...	$5,000.00	
Income, ...	824.69	
		$5,824.69
Amount of income received, ...	$279.00	
Amount of income expended, ...	425.00	
		146.00
		$5,678.69
Balance, Dec. 31, 1885 : —		
Principal, ...	$5,000.00	
Income, ...	678.69	
		$5,678.69

TABLE No. 11.

THE BOWDITCH HISTORY FUND.

Balance, Dec. 31, 1884 :—		
Principal,	$2,000.00	
Income,	1,533.93	
		$3,533.93
Amount of Income received,	$111.60	
Amount of Income expended,	339.33	
		227.73
		$3,306.20
Balance, Dec. 31, 1885 :—		
Principal,	$2,000.00	
Income,	1,306.20	
		$3,306.20

TABLE No. 12.

GENERAL FUND.

Balance, Dec. 31, 1884,	$1,123,596.64	
Add one-third profits of Mass. Hospital Life Ins. Co.,	5,000.00	
Add amount received account of H. Wilson,	11,100.00	
Add amount from A. W. Folsom,	125.00	
Balance of income over expenses,	298.99	
		$1,140,120.63
Less balance of Insurance Account,	$1,555.50	
Less balance of premiums paid for Stocks and Bonds,	2,713.81	
Less amount charged account H. Wilson,	477.40	
Balance, Dec. 31, 1885,	1,135,373.92	
		1,140,120.63

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds :—

The Joy Fund, being a bequest from Miss Nabby Joy,	$20,000.00
Belknap Fund, being a bequest from Jeremiah Belknap,	10,000.00
Wm. Phillips Fund, being a bequest from Wm. Phillips,	5,000.00
Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street,	19,600.00
Amount carried forward,	$54,600.00

Amount brought forward,	$54,600.00
Bromfield Fund, being half of a bequest from John Bromfield,	20,000.00
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend,	11,486.50
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer,	5,000.00
Wilder Fund, being a bequest from Charles W. Wilder,	12,000.00
Sever Fund, being a bequest from Miss Martha Sever,	500.00
Thompson Fund, being a bequest from S. B. Thompson,	500.00
Tucker Fund, being a bequest from Miss Margaret Tucker,	3,312.37
Davis Fund, being a bequest from Mrs. Eleanor Davis,	900.00
Loring Fund, being a bequest from Abigail Loring,	5,000.00
Nichols Fund, being a bequest from B. R. Nichols,	6,000.00
Gray Fund, being a donation from John C. Gray,	1,000.00
Dowse Fund, being a bequest from Thomas Dowse,	5,000.00
Todd Fund, being a bequest from Henry Todd,	5,000.00
J. Phillips Fund, being a bequest from Jonathan Phillips,	10,000.00
Greene Fund, being a bequest from Benj. D. Greene,	5,000.00
Percival Fund, being a bequest from John Percival,	950.00
Pickens Fund, being a bequest from John Pickens,	1,676.75
Treadwell Fund, being part of a bequest from J. G. Treadwell,	38,703.91
Raymond Fund, being a bequest from E. A. Raymond,	2,820.00
Harris Fund, being part of a bequest from Charles Harris,	1,000.00
Mason Fund, being a bequest from Wm. P. Mason,	9,400.00
Sawyer Fund, being part of a bequest from M. P. Sawyer,	7,000.00
J. L. Gardner Fund, being a donation from J. L. Gardner,	20,000.00
Amount carried forward,	$226,849.53

Amount brought forward,	$226,849.53
B. T. Reed Fund, being a donation from Benj. T. Reed,	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed,	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor,	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice,	5,000.00
Templeton Fund, being half of a bequest from John Templeton,	5,000.00
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers,	1,177.50
Beebe Fund, being a bequest from J. M. Beebe,	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard,	4,000.00
George Gardner Fund, being a donation from George Gardner,	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway,	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup,	1,000.00
Tufts Fund, being a bequest from Quincy Tufts,	10,000.00
Read Fund, being half of a bequest from Jas. Read,	1,000.00
Parker Fund, being a bequest from Jno. Parker, Jr.,	10,000.00
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw,	5,500.00
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers,	1,000.00
Dwight Fund, being a donation from Mrs. T. Bradford Dwight,	1,000.00
Hunnewell Fund, being a donation from H. H. Hunnewell,	10,000.00
R. M. Mason Fund, being a bequest from R. M. Mason,	5,000.00
Anna Lowell Cabot Fund, being a donation from Dr. Samuel Cabot,	1,000.00
Welles Fund, being a donation from Miss Jane Welles,	5,000.00
Black Fund, being a bequest from Miss Marianna Black,	2.000.00
Amount carried forward,	$464,260.95

Amount brought forward,	$464,260.95	
Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge,	14,000.00	
Paraclete Holmes Fund, being a donation from W. S. Adams,	2,000.00	
Estabrooks Fund, being a bequest from J. W. Estabrooks,	1,000.00	
The Thayer Fund, being a bequest from Nathaniel Thayer,	30,000.00	
Sawyer Fund, being part of a bequest from M. P. Sawyer,	46,355.83	
Ann E. Gray Fund, being a bequest from Miss Ann E. Gray,	5,000.00	
John Bertram Fund, being a donation from Mrs. Clara Barton Kimball,	5,000.00	
		$567,616.78

Income devoted to beneficiaries at Asylum:—

The Bromfield Fund, being half of a bequest from John Bromfield,	$20,000.00	
Read Fund, being half of a bequest from Jas. Read,	1,000.00	
Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton,	30,010.00	
McGregor Fund, being half of a donation and bequest from James McGregor,	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin,	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge,	5,500.00	
Templeton Fund, being half of a bequest from John Templeton,	5,000.00	
Proctor Fund, being a bequest from Mrs. Lydia P. Proctor,	1,000.00	
		75,010.00
		$642,626.78

Income devoted to Female Beneficiaries at Asylum:—

The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln,		85,000.00
Amount carried forward,		$727,626.78

Amount brought forward, ...	$727,626.78
Income unrestricted: —	
The Waldo Fund, being a bequest from Daniel Waldo, ...	40,000.00
Income devoted to any purpose except buildings: —	
The Redman Fund, being a bequest from John Redman, ...	455,113.34
Income devoted to a Triennial Prize: —	
The Warren Prize Fund, being a bequest from Dr. J. M. Warren, ...	3,000.00
Income devoted to the Library: —	
The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, . . .	5,000.00
Income devoted to Books for Patients: —	
The Warren Library Fund, being a donation from Dr. J. C. Warren, ...	1,000.00
Income and Principal devoted to the publication of a History of the Hospital: —	
The Bowditch History Fund, being a bequest from N. I. Bowditch, ...	2,000.00
Income devoted to Amusements at the Asylum: —	
The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies, ...	10,000.00
Amount carried forward, ...	$1,243,740.12

Amount brought forward,		$1,243,740.12
Income devoted to Special Surgical Instruments: —		
The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100,		1,350.00
The Wooden Leg Fund: —		
Being a bequest from N. I. Bowditch,		5,000.00
The Convalescent Home Fund,		132,260.66
Permanent Free Beds: —		
Miss Marian Hovey,	$1,000.00	
Mrs. Fanny H. Morse,	1,000.00	
Henry S. Hovey,	1,000.00	
Edward Woodman,	1,000.00	
Children of Mrs. Henry Windsor,	1,000.00	
D. R. Whitney,	1,000.00	
George Gardner,	1,000.00	
		7,000.00
Redman Annuities,		15,600.00
Clara Barton Annuity,		3,241.00
Asylum Building Fund,		167,320.10
G. H. Gay Fund,		5,483.91
Add unused income at credit of		
Warren Prize Fund,	$579.92	
Warren Library Fund,	522.92	
Bowditch History Fund,	1,306.20	
Surgical Instrument Fund,	1,317.66	
Wooden Leg Fund,	678.69	
Treadwell Library Fund,	218.00	
Clara Barton Annuity,	299.29	
		4,922.68
Total of Restricted Funds,		$1,585,918.47

TRIAL BALANCE, 1885.

Dr.		*Cr.*		
Land and Buildings for Asylum,	$320,794.75	Redman Fund,	$455,113.34	
Land and Buildings for Hospital,	520,008.53	Warren Prize Fund,	3,000.00	$579.92
Land and Improvements at Belmont, 911076	70,274.35	Bowditch History Fund,	2,000.00	1,306.20
Annuities Receivable,	160,000.00	Wooden Leg Fund,	5,000.00	678.69
Insurance Stock,	50,000.00	Clara Barton Annuity,	3,241 00	299.29
Reversions (see "Suspense" on Cr. side),	10.00	Surgical Instrument Fund,	1,350.00	1,317.66
Delaware Mutual Insurance Company's Scrip,	520.00	Amusement Fund,	10,000.00	
Union League Club Bonds,	6,000.00	Free Beds Fund,	567,816.78	
Manufacturing Stocks,	43,400.00	Warren Library Fund,	1,000.00	522.92
Bank Stocks,	78,200.00	Beneficiaries at Asylum Fund,	75,010.00	
Railroad Stocks,	25,000.00	Treadwell Library Fund,	5,000.00	218.00
Railroad Bonds,	541,400.00	Lincoln Fund,	85,000.00	
Notes Receivable,	405,683.33	Funds with Income Unrestricted,	40,000.00	
City Bonds,	6,000.00	Permanent Free Beds,	7,000.00	
United States 4% Bonds,	10,000.00	Suspense (see "Reversions" on Dr. side),	10.00	
Real Estate Productive,	407,366.64	Notes Payable,	3,500.00	
Gay Building,	21,225.83	Asylum Building Fund,	167,320.10	
Edward Cowles, Superintendent,	32,111.99	General Fund,	1,135,373.92	
J. H. Whittemore, Resident Physician,	2,803.81	G. H. Gay Fund,	5,483.91	
Sanitary Tower Hospital,	9,407.11	Convalescent Fund,	132,280.66	
Cash,	19,766.05	Subscribers to Free Beds, 1886,	4,900.00	
		Redman Annuities,	15,600.00	
		Joy Annuitants, 1885,	50.00	
			$2,725,049.71	$4,922.68
			4,922.68	
	$2,729,972.39		$2,729,972.39	

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

Asylum: Land and Buildings occupied for Asylum,	$320,794.75	
Superintendent's balance,	32,111.99	
		$352,906.74
Hospital: Land and Buildings occupied for Hospital,	$520,008.53	
Gay Building,	21,225.83	
Sanitary Tower,	9,407.11	550641.47
Resident Physician's balance,	2,803.81	
		553,445.28
Convalescent Home: Land and Buildings at Belmont,		70,274.35
Memorandum of expectancies,		10.00
		$976,636.37

INVESTMENTS PRODUCING INCOME.

Policies Mass. Hospital Life Ins. Co.,	$160,000.00
500 shares Mass. Hospital Life Ins. Co.,	50,000.00
$4,000 City of Boston Bonds,	4,000.00
$50,000 Eastern Railroad Co.'s Bonds,	50,000.00
$20,000 Kansas City & Cameron Railroad Bonds,	20,000.00
$5,000 Boston & Albany Railroad 7 per cent. Bonds,	5,000.00
$100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds,	100,000.00
$22.000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds,	22,000.00
$10,000 Chicago, Bur. & Quincy 4 per cent. Bonds,	10,000.00
$6,000 Union League Club Bonds,	6,000.00
$100,000 Atch., Topeka & Santa Fé R.R. 7 per cent. Bonds,	100,000.00
$100,000 Atch., Top. & Santa Fé R.R. 4 1-2 per cent. Bonds,	100,000.00
$1,000 Atch., Topeka & Santa Fé R.R. 6 per cent. Bond,	1,000.00
$47,400 Bur. & Mo. River in Neb. R.R., Non-ex. 6 per cent. Bonds,	47,400.00
$10,000 Bur. & Mo. River in Neb. R.R., Exempt 6 per cent. Bonds,	10,000.00
$10,000 Atchison Land Grant 7 per cent. Bonds,	10,000.00
$10,000 Kansas City, Topeka & Western R.R. 1st Mortgage 7 per cent. Bonds,	10,000.00
$6 000 Cedar Rapids & Mo. River R.R. 7 per cent. Bond,	6,000.00
$5,000 Bur., Cedar Rapids & Northern R.R. 5 per cent. Bonds,	5,000.00
$4,000 Ft. Scott, So. Eastern & Mem. R.R. 7 per cent. Bonds,	4,000.00
$15,000 Oregon Railway & Nav. Co. 7 per cent. Bonds,	15,000.00
Amount carried forward,	$735,400.00

Amount brought forward,	$735,400.00
$10,000 Fremont, Elkhorn & Mo. Valley 6 per cent. Bonds,	10,000.00
$16,000 Union Pacific Sinking Fund 8 per cent. Bonds,	16,000.00
$10,000 United States 4 per cent. Bonds,	10,000.00
$2,000 City of Providence 5 per cent. Bonds,	2,000.00
100 Shares Old Colony Railroad Co.,	10,000.00
150 “ Boston & Albany Railroad Co.,	15,000.00
14 “ Merrimack Manufacturing Co.,	14,000.00
1 “ Appleton “ “	1 000.00
9 “ Amory “ “	900.00
10 “ Amoskeag “ “	10,000.00
25 “ Great Falls “ “	2,500.00
5 “ Boston “ “	5,000.00
10 “ Stark Mills “ “	10,000.00
100 “ National Union Bank,	10,000.00
100 “ Suffolk National Bank,	10,000.00
70 “ Tremont “ “	7,000.00
50 “ Old Boston “ “	2,500.00
87 “ State “ “	8,700.00
100 “ Columbian “ “	10,000.00
100 “ Merchants’ “ “	10,000.00
50 “ New England National Bank,	5,000.00
40 “ Massachusetts “ “	10,000.00
50 “ Eagle “ “	5,000.00
Land and Store, 17 Blackstone Street,	19,600.00
“ “ “ 168 Washington Street,	45,000.00
“ “ House, 61 Dartmouth Street,	10,000.00
Redman Mansion Estate, Washington Street,	106,000.00
Land and Houses on Warrenton Street,	17,700.00
“ “ Store, 496 Washington Street,	55,500.00
“ “ Houses on Chambers Street,	23,900.00
“ “ “ “ Cross Street,	12,691.64
“ “ House on Harrison Avenue,	9,975.00
Union Block, Union and Marshall Streets,	66,875.00
Robertson House, Hanover Street,	40,125.00
Notes secured by Mortgage,	200,100.00
$20,000 Notes Phila., Wilmington & Baltimore R.R. Co.,	20,000.00
Notes Receivable, Personal and Collateral Securities,	185,583.33
Delaware Mutual Ins. Co. Scrip,	520.00
Cash deposited in Bank,	19,766.05
Investments producing income,	$1,753,336.02
Investments producing no income,	976,636.37
Total, foot of Trial Balance,	$2,729,972.39

F. HAVEN, Jr., *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-FOUR YEARS,—1862 TO 1885.

ORDINARY EXPENSES.

Year.	Cost of Paying Patients.	Cost of Free Patients.	Other Charities.	Total Expenses of		Average cost per week per patient.		Cost over Board.	
	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.
1862	$6,628.65	$35,072.01	$414.15	$42,114.81	$71,823.46	$6.04	$7.27	$36,260.92	$6,640 81
1863	6,151.27	40,575.14	695.30	47,421.71	69,300.63	6.66	6.98	41,109.46	2,170.56
1864	10,224,81	49,286.53	648.21	60,159.55	101,484.38	8.38	9.76	52,445.01	4.523.85
1865	23,119.62	34,131.83	717.35	57,968.80	120,885.84	9.86	12.49	43,121.53	9,507.86
1866	30,086.08	37,538.12	1,162.60	68,786.80	126,015.83	13.88	12.30	53,809.36	558.19
1867	26,086.67	33,758.02	1,164.53	61,009.22	133,844.14	11.28	13.84	44,291.54	....
1868	23,663.50	42,481.71	1,419.26	67,564.47	142,535.36	12.74	16.51	52,893.02	14,642.07
1869	20,128.86	40,736.44	1,373.30	62,238.60	138,132.02	10.14	14.21	48,811.90	....
1870	15,844.35	46,087.42	883.05	62,814.82	134,339.63	10.05	13.83	50,811.01	....
1871	15,266.51	47,126.12	1,133.74	63,526.37	146,191.23	9.96	15.80	52,447.68	9,996.88
1872	12,664.70	56,537.74	1,497.86	70,700.30	153,327.60	10.10	16.93	59,547.91	14,917.57
1873	16,681.66	69,109.97	2,135.29	87,926.92	165,023.79	10.29	19.23	72,435.94	26,404.27
1874	14,198.41	64,266.27	2,634.60	81,099.28	161,934.11	10.13	19.59	67,548.81	2,750.66
1875	10,677.72	71,447.23	1,761.59	83,886.54	165,660.47	9.72	21.07	71,989.93	11,872.47
1876	11,344.58	82,033.60	1,312.94	94,691.12	164,973.80	9.41	19.72	82,027.86	13,019 51
1877	10,833.10	72,678.63	279.16	83,790.89	143,148.94	9.47	15.66	72,957.79	....
1878	11,252.42	85,102.61	588.98	96,944.01	136,394.36	9.87	15.55	83,516.61	....
1879	11,564.44	77,216.88	514.25	89,295.57	117,250.02	10.54	14.30	73,440.58	....
1880	10,529.35	81,085.73	462.82	92,077.90	131,172.69	10.39	16.48	79,280.61	10,078.33
1881	13,462.12	88,241.17	450.51	102,153.80	134,561.14	11.87	16.92	88,268.68	20,719.30
1882	12,947.98	95,642.45	8,928.82*	117,519.25	138,518.26	12.43	17.02	95,684.95	18,172.21
1883	18,389.28	90,665.70	6,575.92*	115,630 90	139,711.39	12.63	16.16	91,213.57	5,376.89
1884	21,476.00	101,954.31	6,873.69*	130,304.00	139,201.67	14.75	16.00	107,974.18	2,612.02
1885	10,728.87	93,411.59	8,483.90*	112,624.36	140,278.86	11.99	15.72	87,464 96	
24 years, ...								$1,609,353.81	$173,963.45

* Including Convalescent Home.

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1885.

Number of Patients in the Hospital January 1, 1886.

Paying,	11
Free,	134
Total,	145

Admitted from January 1, 1885, to January 1, 1886.

	Males.	*Females.*	*Total.*
Patients paying board,	257	114	371
Patients paying board part of the time,	29	17	46
Patients entirely free,	1,184	726	1,910
	1,470	857	2,327

	Medical.	*Surgical.*
Males (Boys), 119,	482	988
Females (Girls), 63,	436	421
	918	1,409

Of these, 1 paid $49; 2 paid $42; 31 paid $35; 3 paid $28; 1 paid $25; 43 paid $21; 128 paid $14; 1 paid $10.50; 1 paid $10; 189 paid $7; 16 paid $5; 1 paid $4.

Whole number of patients treated during the year: paying, 382; paying a part of the time, 46; free, 2,044; total, 2,472.

Discharged during the Year.

	Medical.	*Surgical.*	*Male.*	*Female.*	*Total.*
Well,	547	1,037	1.015	569	1,584
Much relieved,	127	48	105	70	175
Relieved,	78	105	100	83	183
Not relieved,	26	47	46	27	73
Not treated,	45	84	83	46	129
Dead,	93	99	140	52	192
Insane and eloped,	1	12	11	2	13
	917	1,432	1.500	849	2,349

Number of Patients remaining December 31, 1885.

Males,	94
Females,	51
Total,	145
Paying,	11
Free,	134
Total,	145
Medical,	46
Surgical,	99
Total,	145

Proportion of deaths to whole number of results, 8.17 per cent.

Number of patients received on account of accidents, 443.

The greatest number of paying patients at any one time was 26; in private rooms, 8; the greatest number of free patients, 166; the greatest total, 184. The least number of paying patients at any one time was 10; in private rooms, 3; the least free, 130; the least total, 147. The proportion of ward beds occupied by free patients was 73 per cent.; by paying patients, 27 per cent. About 19.6 of the paying patients occupied private rooms. The average number of patients was 167: males, 96; females, 71.

The average number of paying patients was 17: Americans, 12; foreigners, 5.

The average number in private rooms was 5.6.

The average number of free patients was 150: Americans, 81; foreigners, 69.

The average time of paying patients was 2.38 weeks; and that of free patients, 4.08.

Residences.

Boston,	895
Massachusetts (excepting Boston),	1,303
Maine,	22
New Hampshire and Vermont,	42
Rhode Island and Connecticut,	15
Other States,	24
British Provinces,	26
	2,327

Birthplaces.

Boston,	182
Massachusetts (excepting Boston),	641
Maine,	131
New Hampshire,	70
Vermont,	28
Rhode Island and Connecticut,	26
New York,	44
Southern and Western States,	56
Total Americans,	1,178
British Provinces,	287
Great Britain,	160
Ireland,	592
Germany,	37
Norway and Sweden,	24
France,	8
Switzerland,	3
Italy,	16
Other places,	22
Total foreigners,	1,149

Occupations.

Males.	*Paying.*	*Free.*	*Partial.*
Mechanics,	51	280	7
Laborers,	28	463	13
Farmers,	16	14	3
Minors,	12	116	
Seamen,	15	34	1
Carried forward,	122	907	24

Males.	*Paying.*	*Free.*	*Partial.*
Brought forward,	122	907	24
Clerks,	28	102	
Teamsters,	2	30	1
Traders,	14	40	
Servants,	3	38	1
Lawyers,	1		
Clergymen,		3	
Physicians,	5	5	
Merchants,	35	13	
Students,	17	4	
Other professions,	30	82	3
	257	1,184	29

Total males, 1,470. Of these, 64 were in private rooms.

Females.	*Paying.*	*Free.*	*Partial.*
Domestics,	7	299	5
Minors,	6	74	1
Wives,	70	209	7
Widows,	4	33	1
Seamstresses,	2	21	
Spinsters,	4	4	
Operatives,	2	7	3
Teachers,	3	8	
Clerks,	2	10	
Nurses,	1	21	
Other professions,	13	40	
	114	726	17

Total females, 857. Of these, 20 were in private rooms.

Sixteen per cent. of the free patients were female domestics; twenty-five per cent. were laborers; fifteen per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

Phthisis (Consumption),	28
Syphilis,	17
Chronic Ulcers,	15
Scrofula and Abscesses,	12
Insanity and Delirium Tremens,	11
Hip and Spine,	23
Debility and Senility,	13
Carried forward,	119

Brought forward,	119
Chronic Rheumatism,	17
Paralysis,	18
Epilepsy,	2
Cancer,	14
Uterine,	15
Injuries,	9
Of Skin,	12
Contagious,	13
Other diseases,	80
Total,	299
Males,	183
Females,	116
Americans,	214
Foreigners,	85
Residents of Boston,	104
Residents of Massachusetts,	151
Residents of other places,	44

Out-patients.

Number of new patients,	17,016
Men,	7,716
Women,	6,694
Children,	2,606
Americans,	8,990
Foreigners,	8,026
Residents of Boston,	9,914
Of other places,	7,102
Medical department for women,	3,819
Medical department for men and children,	3,557
Surgical department,	5,568
Ophthalmic department,	3,053
Department for diseases of the skin,	4,901
Department for diseases of the nervous system,	2,750
Department for diseases of the throat,	3,076

Total attendance, 39,165.
Average daily attendance, 125.

Of the surgical cases there were: —

Incised wounds,	874
Genito-urinary,	704
Abscesses and inflamed glands,	524
Carried forward,	2,102

Brought forward,	2,102
Diseases of bone and periosteum, Diseases and injuries of joints,	519
Contusions,	501
New growths,	406
Fractures,	360
Ulcers,	297
Sprains,	229
Felons,	139
Hernia,	87
Rheumatism and Neuralgia,	82
Dislocations,	55
Burns,	41
Miscellaneous,	750
Total,	5,568

Number of applicants,	15,538
Number admitted,	14,610
Number refused,	499
Number sent to physician's office,	429
Number visited,	1,316
Number visited, correct statement,	753
Number visited, incorrect statement,	563

Convalescent Home:—

Admitted to the Home in 1883,	101
Admitted to the Home in 1884,	187

	Males.	*Females.*	*Total.*
Remaining Jan. 1, 1885,	8	8	16
Admitted during 1885,	146	169	315
Total,	154	177	331
Discharged,	148	170	318
Remaining Jan. 1, 1886,	6	7	13

The Young Men's Christian Union gave us eighty-five rides, taking out three hundred and forty-two patients.

Respectfully submitted,

JOHN W. PRATT,
Acting Resident Physician.

BOSTON, Jan. 1, 1886.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

Articles.	1877.			1878.			1879.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity	Cost.	Average.
Beef, Sirloin, lbs.	9,100	$1,927.38	.2118	7,729	$1,610.72	.2084	8,375	$1,716.87	.205
" for Soup, "	560	23.80	.0425	132	5.28	.04	....	....	....
" Corned, "	5,889	479.54	.0816	4,378	324.72	.07415	123	288.61	.07
" Round, "	9,327	805.85	.0864	11,944	1,016.43	.0851	12,973	1,054.70	.0813
" Rump, "	6,882	1,163.05	.169	4,158	635.34	.1528	....	....	....
" Roasting, "	11,584	1,274.24	.11	14,998	1,349.82	.09	14,141	1,341.98	.0949
Mutton. . . "	18,416	2,509.04	.13624	15,808	1,903.28	.1204	12,592	1,385.12	.11
Poultry, . . "	13,509	2,475.65	.184	14,079	2,276.57	.1617	14,488	2,433.98	.168
Butter, . . . "	10,056	2,644.72	.263	10,156	2,500.40	.2462	10,526	2,589.39	.246
Eggs, . . doz.	4,608	967.68	.21	5,495	967.12	.176	4,392	843.26	192
Flour, . . bbls.	40	362.48	9.062	42	323.82	7.71	37	266.80	7.40
Bread, . . lbs.	34,343	1,717.15	.05	35,800	1,790.00	.05	36,556	1,827.80	.05
Ice, . . . tons.	180⅓	627.54	3.48	238½	808.25	3.333	271¾	714.70	2.63
Sugar, . . lbs.	10,592	982.88	.0928	12,979	1,023.65	.0781	15,462	1,189.32	.769
Tea, . . . lbs.	593	222.96	.376	738	254.61	.345	848	337.82	.398
Milk, . . . qts.	97,594	4,879.70	.05	107,618	5,380.90	.05	96,186	4,934.34	.0513
Potatoes, . bush.	909	915.36	1.007	973	964.61	.77	942	1,010.76	1.073

Articles.	1880.			1881.			1882.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	8,815	$1,692.99	.1941	8,658	$1,792.20	.207	7,856	$1,931.95	.245
" for Soup, "	....	....	....	....	....	....	....	....	....
" Corned, "	4,952	346.64	.07	5,183	367.99	.07	6,522	673.76	.103
" Round, "	16,414	1,148.98	.07	19,477	1,636.06	.084	19,705	1,976.68	.103
" Rump, "	....	....	....	....	....	....	....	....	....
" Roasting, "	16,439	1,643.90	.10	16,438	1,758.86	.107	16,221	2,159.07	.133
Mutton, . . "	15,522	1,876.60	.1208	21,093	2,720.99	.129	16,365	2,216.01	.135
Poultry, . . "	13,682	2,123.44	.1552	13,562	2,278.41	.168	12,082	2,348.41	.195
Butter, . . . "	11,011	3,366.06	.3057	11,129	3,505.63	.315	16,843	3,770.97	.221
Eggs, . . doz.	4,214	866.39	.2056	4,401	1,188.27	.26	5,234	1,470.59	.281
Flour, . . bbls.	51	440.15	8.65	49	468.73	9.565	49	459.25	9.937
Bread, . . lbs.	40,536	2,026.80	.05	4,892	1,744.60	.05	35,340	1,943.70	.055
Ice, . . . tons.	280¼	1,297.56	4.63	305	887.55	2.91	352¾	737.72	2.209
Sugar, . . lbs.	21,005	2,003.87	.0954	20,552	1,901.06	.09	22,192	2,021.57	.091
Tea, . . . lbs.	1,134½	471.95	.416	555	244.22	.44	1,114	446.85	.401
Milk, . . . qts.	89,904½	4,495.22½	.05	92,350	4,617.50	.05	95,358	5,007.70	.052
Potatoes, . bush.	1,039½	902.58	.868	981	1,101.66	1.125	1,005	1,374.72	1.368

Articles.	1883.			1884.			1885.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	8,793	$1,975.38	.224	8,845½	$2,183.64	.246	9,543	$2,160.12	.226
" Corned, "	6,925½	670.88	.095	6,487	583.08	.09	6,345	561.45	.088
" Round, "	22,327	2,120.83	.095	25,821	2,531.60	.098	25,140	2,220.83	.08
" Rump, "	....	....	....	....	....	....	....	....	....
" Roasting, "	16,962	2,047.78	.120	16,438	2,003.44	.121	17,220	1,936.58	.112
Mutton, . . "	21,075	2,999.89	.142	15,186½	2,102.29	.138	13,189	1,585.60	.1[illegible]
Poultry, . . "	10,263	2,318.56	.225	12,798	2,523.79	.197	12,149	2,256.8[illegible]	.185
Butter, . . "	10,468	3,329.97	.317	11,321	3,636.60	.32	11,447	3,368.27	.294
Eggs, . . doz.	5,479	1,491.60	.272	8,374	2,182.67	.26	9,4[illegible]3	2,328.48	.25
Flour, . . bbls.	52	406.00	7.80	53	383.25	7.23	55	341.85	6.21
Bread, . . lbs.	34,971	1,923.42	.055	36,245	1,992.48	.054	36,685	2,017.67	.055
Ice, . . . tons.	380⅒	679.27	1.78	40,755	773.20	1.89	$433\frac{65}{100}$	966.57	2.22
Sugar, . . lbs.	20,980	1,801.38	.086	22,474	1,563.49	.069	21,245	1,288.[illegible]5	.06
Tea, . . . lbs.	1,074	432.60	.402	1,080	435.85	.403	853	341.70	.40
Milk, . . . qts.	106,032	5,637.78	.053	111,068½	5,907.26	.053	110,332	5,943.84	.053
Potatoes, . bush.	1,062½	1,129.15	1.063	1,195	1,005.25	.917	1,158	1,001.25	.942

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1885.

Year.	Total admitted.	Free.	Paying board all the time.	Paying part of the time.	Whole number treated.			Discharged well.	Percentage on "Total admitted."	Much relieved, or relieved in part.	Not relieved.	Not treated, unfit, dismissed, etc.	Deaths.	Percentage on "Total admitted."	Greatest number free at one time.	Greatest number paying at one time.	Greatest total.	Least total.	Average.	Accidents.	Percentage.	Average time of paying weeks.	Average time of free weeks.	Patients remaining under treatment Dec. 31.		Out-patients treated.
					Payi'g board.	Paying board part of time.	Free.																	Paying.	Free.	
21-to 1843	8727	3733	4482	512	....	....	....	3991	....	2902	913	105	624	......	...	....	123	54								
1843	365	183	167	15	....	.	....	136	37	115	55	17	41	11	....	...	56	33	47*	....	....	4	6			
1844	435	250	174	[illegible]	....	....	....	183	43	137	41	23	47	11	....	30	71	40	53	55	12*	3 6-7	7 1-7			
1845	[illegible]	265	176	12	....	...	....	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	....	....	...	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	....	....	....	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	....	....	328
1848	804	460	283	61	....	....	....	400	50	219	52	39	103	13	86	38	124	94	108	103	12*	3 1-7	5	....	....	378
1849	870	543	273	54	....	...	....	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	....	....	272
1850	746	427	242	77	....	....	....	363	48	200	56	49	76	10	103	33	136	83	1[illegible]8	98	13	2 6-7	6	....	....	294
1851	839	477	298	64	....	....	....	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	....	....	237
1852	826	472	271	83	....	....	...	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	....	....	248
1853	925	505	335	85	....	....	....	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	....	....	358
1854	922	490	321	111	....	....	....	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	....	....	477
1855	915	416	352	147	....	....	....	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	....	....	645
1856	976	545	335	96	....	....	....	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	....	....	887
1857	920	549	280	91	....	....	....	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	....	....	1574
1858	1015	718	251	46	....	....	....	514	50	229	65	50	127	13	120	31	144	91	123	186	18*	4	7*	....	....	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1199	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	[illegible]619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	50	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9.36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	840	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140	....	3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178	....	3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259	....	3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291	....	3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234	....	2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285	....	2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7.86	182	36	210	163	185	245	....	3.22	5.73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147	....	2.84	5.54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200	....	2.80	5.27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222	....	2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	1[illegible]1	7.16	165	35	188	156	170	351	....	2.58	4.53	17	157	20566
1881	2106	1678	402	26	419	26	1835	1324	62	429	70	103	189	8.96	168	39	195	139	166	391	....	2.79	4.41	15	140	18443
1882	2147	1736	399	12	414	12	1876	1312	61	463	59	13	177	8.13	167	35	195	143	168	348	....	2.84	4.41	24	141	16304
1883	2020	1492	449	79	473	79	1633	1286	63	378	61	108	181	8.93	168	49	189	143	168	432	....	2.75	4.80	32	128	7102*
1884	2096	1667	382	47	448	47	1815	1318	62	367	68	137	191	9.11	159	40	186	129	165	397	....	3	4.14	19	148	14824
1885	2327	1910	371	46	382	46	2044	1584	68	361	73	129	192	8.25	166	26	184	147	167	443	....	2.38	4.08	11	134	17016
	65100							25626		15976	3753	3591	5669													309507

* Out-patient Department open only five months.

MASSACHUSETTS GENERAL HOSPITAL.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A.M. and 2 and 3 P.M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A.M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and wait for a reply before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

JOHN W. PRATT,
Acting Resident Physician.

April 5, 1886.

THE AMBULANCE

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness*, *not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JOHN W. PRATT,
Acting Resident Physician,
Mass. Gen. Hospital, Blossom St.

SIXTY-EIGHTH ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1885.

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

Gentlemen, — The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1885, is respectfully presented: —

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, Jan. 1, 1885,	79	96	175
Admissions within the year,	54	41	95
Whole number of *cases* within the year,	133	137	270
Discharged within the year,	56	44	100
Namely,— as Recovered,	18	19	37
Much improved,	7	5	12
Improved,	8	5	13
Unimproved,	8	13	21
Deaths,	15	2	17
Patients remaining Dec. 31, 1885, supported as private patients,	77	93	170
Number of different *persons* within the year,	129	137	266
“ “ “ “ admitted,	50	41	91
“ “ “ “ recovered,	17	19	36
Daily average number of patients,	77.17	93.89	171.06

During the year, four men were twice admitted. Two were cases of general paralysis. One of them died, and the other is remaining. One was a case of acute mania, and recovered after each admission; and one was a case of melancholia, which, after being discharged recovered, was readmitted near the end of the year. Thus there were two hundred and seventy cases treated, representing two hundred and sixty-six persons.

Of the ninety-one persons admitted during the year, fifty-two were regarded as recent cases, and thirty-nine as chronic or incurable.

Sixty-seven persons, thirty-eight men and twenty-nine women, had never been in any hospital. Of the remaining twenty-four persons, fifteen, eight men and seven women, were admitted for the second time; three, one man and two women, for the third time; three, two men and one woman, for the fourth time; two women for the fifth time; and one man for the nineteenth and twentieth times.

Thirty-six cases — representing thirty-four persons, eighteen men and sixteen women — were admitted as voluntary patients upon their own written applications. Of these, twenty were cases of melancholia, nine of mania, one of moral insanity, one of *folie du doute*, one of dementia, and two of general paralysis. Of these thirty-four persons, one was committed after entering the Asylum as a voluntary case. Two of these persons were twice admitted, one a case of recurrent mania, and one of general paralysis with slightly developed mental symptoms of the disease. The thirty-six voluntary cases admitted during the year furnished nine recoveries; and twenty-four such cases remaining from the previous years furnished eight other recoveries during this year, making a total of seventeen recoveries out of sixty cases,— the total number of this class under treatment during the year. Thus, the voluntary class has yielded a percentage of 47.22 on the admissions of 1885. Of this class admitted during the year, ten other cases were discharged improved or much improved, five not improved, and one died. Of these thirty-six cases admitted in 1885 there were remaining, at the end of the year, eleven persons, four men and seven women; and the same numbers also remained from the admissions of previous years, so that the total remaining under the voluntary relation is twenty-two, eight men and fourteen women. Only two of these had been inmates of the Asylum on former occasions.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34,—a total of 128 persons in five calendar years. The total for all the hospitals in the State, including the Asylum, is 189 for the same period.

The whole number of persons admitted during the past six years is as follows: namely, 1880, 51; 1881, 63; 1882, 82; 1883, 107; 1884, 109; 1885, 95.

In 1885 there were eighteen less admissions, three less discharges, and eight less cases under treatment than during the year 1884; and the number present was five less at the end than at the beginning of the year.

Of the ninety-eight persons discharged, including deaths, seven were transferred to other hospitals, four men and two women to those in this State, and one man to the State of Rhode Island.

Of the thirty-six persons discharged recovered, eighteen had never before been inmates of any hospital; and, of the remaining eighteen persons, thirteen had been in this Asylum. These thirteen persons had previously made forty-four recoveries, two of which were at other hospitals.

The average duration of illness from the beginning of attack in all cases recovered was 11.55 months, and the average duration of their hospital residence was 6.33 months.

During the past six years, the first admissions were as follows: 1880, 30; 1881, 46; 1882, 62; 1883, 75; 1884, 75; 1885, 67. The recoveries were: 1880, 12; 1881, 14; 1882, 26; 1883, 37; 1884, 34; 1885, 37.

The percentage of recoveries on all admissions, for the year 1885, was 38.5. There were three more recoveries than in the previous year. There were seventeen deaths, the same number as last year.

While there was some falling off in the number admitted during the year,—due to the necessity of rejecting applicants for want of room,—the daily average number of patients for the year was five more than in the previous year; and upon the less number of admissions there was an increase of nearly eight per cent. in the recoveries over those of the previous year. Although there was a small decrease in the proportion of voluntary cases admitted, still, more than one-third of the admissions were of that class. The working of this voluntary plan is proving it to be most useful and satisfactory. The persons who make use of it regard it as a privilege, when feeling the need of care and treatment; and they are glad to avail themselves of the advantages of the plan, and to avoid subjecting themselves to the process of an examination and commitment which will formally pronounce them to be insane. It has already been shown that this class of patients contributes a little more than its due proportion to the number and percentage of recoveries.

The average number of patients under treatment for six years, and the average cost per week for each patient, are shown by the following figures: —

	1880.	1881.	1882.	1883.	1884.	1885.
Daily average number of patients, . . .	153	149	155	164	166	171
Average cost per week,	$16.48	$16.92	$17.02	$16.16	$16.00	$15.72

This includes all extraordinary expenditures for repairs and alterations, and a considerable increase in the nursing service.

The Training School for Nurses has continued its work through the year in a successful and satisfactory way upon the plan briefly described in my report of last year. The impression has been received by some that the School has had aid in its organization and management from the long established School of the Massachusetts General Hospital, of which the Asylum is a department. It is only just to say that the difficulties of organizing and carrying on a useful system of training in a hospital for the insane have been overcome here, as is believed, without any outside aid, but in sole dependence upon the facilities of the Asylum and its officers for instruction

It seems proper to emphasize here what was said in last year's report, that the value of such a school depends upon the thoroughness of its work, and that the main portion of the teaching, besides the practical work in the wards, should be in the study of text-books, systematic class-drill, and practice in making clinical observations. The value of lectures by medical officers is supplementary; and to this may be added with great usefulness the practice of keeping carefully written note-books of each lecture, which are regularly examined and corrected. There should be teachers other than the medical officers; and not only should they have time for class work, but practical experience and technical training as nurses are of great value as qualifications for the positions. These requisites are provided here by having a superintendent of nurses who has spent some time in a general hospital training school, after being for many years a supervisor in the Asylum; and also a supervisor who, being a graduate of such a training school, has had subsequent experience in our wards. These two persons hear the weekly recitations of each of the several classes, or sections of them; give instruction in massage and other practical work to the nurses singly and in a succession of small classes; attend lectures and correct the nurses' note-books; and conduct the work of training in general. Supplementary to this, each class has a course of about thirty lectures during each school year of eight months, from October to May, inclusive,— the first year from the First Assistant Physician, and the second year from the Superintendent. Thus, each nurse hears sixty lectures during her course of training. Four times in each course — that is, at the middle and end of each school year — there is a double examination, by which answers in writing are given to a series of questions upon the studies of the text-books, etc., and again upon the subjects of the lectures. The lectures, largely didactic, but including demonstrations in physiology, minor surgery, etc., are each an hour in length, in addition to a "quiz" of fifteen or twenty minutes upon the previous lecture, and are intended to cover in the main matters pertaining to general nursing. It has been necessary to give the didactic instruction in the care of the insane chiefly in the lectures, for want of a manual on this subject. The Handbook for the Instruction of Attendants on the Insane, recently prepared by a committee of the British Medico-Psychological Association, now provides a brief and excellent text-book for class-room recitations, and a good basis for a course of lectures on mental diseases as they should be understood by a nurse.

While such a course of lectures, with the "quiz" and writing out of notes, is of essential value in the training, it is still maintained that the major part of the instruction in such a school should be given by persons especially appointed to that duty, in order to insure thoroughness and a methodical continuance of the work. Such a basis being provided,—and time is well spent in making such a preparation,—the undertaking of training nurses in a hospital for the insane is at once relieved of most of its difficulties, and is sure of gaining gratifying results. It should be added that a special course of instruction in cooking for the sick is included in the training. The general plan of the School is set forth in a printed circular, a copy of which may be found following the tables appended to this report.

The work of organizing an efficient system of training is likely to seem more formidable than it really is, and it may be useful to say something of our experience on this point. The history of the preliminary labor of creating such organizations as the Bellevue Training School, and that of the Massachusetts General Hospital, is instructive; but these were outside and independent of the hospital organizations. It is a different matter to reform and reorganize an existing state of things within a hospital. Every hospital manager knows or learns that one must make haste slowly in introducing new principles and methods against the tried traditions and well-approved customs of an established institution, especially if he is a new executive. Attending circumstances make it often wise, and sometimes necessary, to organize such a system of training from the practical side of the work, and with the people already settled in their places in the service. As an example of this may be mentioned the Boston City Hospital Training School for Nurses, which under adverse circumstances required five years to transform the nursing service; a *personnel* chiefly of illiterate and untrustworthy convalescents grew in this time to be excellent material for training purposes. With this preparation on my part, Miss Richards, an accomplished superintendent of nurses and experienced in organizing such systems, was appointed in 1877; and at once the active work of the School was initiated, with a full class of pupils. The lectures by the medical staff were begun a year afterward, supplementing the preparatory class instruction.

In like manner, in 1879 the plan of the McLean Asylum Training School was definitely determined upon. It was to be a school not simply for the instruction of attendants on the insane, but to fit young women, as in the general hospitals, to undertake nursing in all its branches, with special qualifications for the care of cases of nervous and mental disease. There were a number of reasons for this larger purpose. We aimed at the public good, in respect to the home treatment of the insane as well as the direct benefit of the Asylum and its patients. It was thought to be unwise to educate and graduate nurses to be specialists, as it were; and to be unfair and delusive to invite them to a training school from which they would go into the public service comparatively ignorant of the first principles of nursing, and be likely to fail in a competition with the hospital graduates, to the disappointment of themselves and all concerned. It was therefore determined to teach them first all that could be taught about general nursing, and then to apply its principles to the intelligent observation and proper care of the insane. The first thing to be done was to make the conditions as favorable as possible as a basis for the work, — to enlarge the hospital element against that of the asylum, to regard all its inmates as patients, and none as chronic "boarders." Any one familiar with the training of nurses under these different conditions will readily understand the meaning of this. All this is fully set forth in the Asylum report for 1882.

At the beginning, in 1879, there had already been a trained nurse in a male ward for two years, having the care of a dining-room, and other duty in a social way. Other graduates of hospital schools were at once invited to take service in the female wards; and the higher wages were paid them, as for continued service here. A number came from time to time; but it was soon discovered that the hospital trained nurse "likes bodily nursing better than mental nursing," as Dr. Clouston has recently said of his nurses. This agrees with the experience of general practitioners in this vicinity. The hospital trained nurse, as a rule, does not like "nervous cases." The system of employing women as nurses in the men's wards was extended, with the intention of having the ordinary unmarried nurses do this service in their turn, as in the general hospitals. And in due time, as in those, there was introduced into our wards the system of ward maids on both sides of the house, to relieve the nurses of drudgery and to promote the custom of companionship with patients. Other general hospital methods were gradually introduced by giving certain class instruction and teaching special bedside and ward duties, as mentioned in the Asylum reports for 1881 and subsequent years. In 1882, the School was formally organized by the appointment of a superintendent of nurses who was a trained nurse, with previous asylum experience; and increased attention to practical class instruction, etc., directly followed. When, later, the elaboration of the class work and the institution of the lecture system were made, the nurses who entered upon the more formal course of systematic training were given credit for previous time upon the prescribed two years' course of study; and, the preparatory work having reached its consummation, the Training School was at once in full operation and its establishment an accomplished fact. Some of the pupils who have been through this prolonged process of training have already more than completed the required time, and they with others will be ready to graduate after passing the mid-winter examinations.

It should be understood that it is regarded here as a part of the duty of the Asylum to the public which it was created to serve, to qualify young women and men to be nurses, with special fitness for the home treatment of patients in cases of nervous disease, or of impending or confirmed mental disorder. Enough of the graduates of the School will remain to aid in the teaching of others and in perfecting our own work. Among the results sought and already gained is the greatly improved quality of the nursing, because there are in it trained knowledge and skill, and the spirit which animates those who conscientiously pursue an honorable calling as a profession. With the increasing interest in the work, and the obligation to remain two years in the School, there are fewer changes. There are more applicants, and a better choice can be made from better material.

All these things yield a great gain, also, in the intelligent companionship with the patients, and enlarge the means for moral treatment. In these ways may be answered some of the queries propounded by Dr. Clouston, in his paper read before the British Medico-Psychological Association, in 1876, on the question of "Getting, Training, and Retaining the Services of Good Asylum Attendants." Upon one of his queries, he makes a most practical comment, which goes to the root of the whole difficulty. Having described the ideal nurse, and asked "if we can expect to get persons to act as attendants from such (so called) higher notions," he says: "Indeed, most of us could not fail to have a sense of much incongruity in our presiding over institutions with such a staff. I know of few members of this Association who took to asylum life from 'higher motives' alone, however much those notions may influence the way one's work is done. We cannot expect from others what did not influence ourselves." A recognition of this principle of human nature inspired the double purpose in our policy of furnishing nurses for private cases outside of the Asylum, whenever possible. In the six years ending with 1885, forty-six persons,—thirty women and sixteen men,—who have left our service during that period, have done—and many are still doing—good work as private nurses. This fact acts as a public good, and is a spur to others who seek remunerative work.

The method adopted here for developing a system of training nurses is better adapted to some circumstances, helps to overcome difficulties that would seem formidable in many cases, and leads more safely and surely to definite results than the other plan of beginning with an experimental series of lectures, which are liable to be desultory, unsystematic, and to yield little tangible result, because many of the nurses soon leave the service, and it makes too much work for medical officers alone; and so the undertaking fails. As was said in my report of last year, "A formal organization is necessary to establish the School and place teachers and pupils under such obligations as shall sustain and perpetuate the work, in order that it may be of material and lasting benefit."

It is not to be denied that good may be done by simply giving a brief series of lectures to attendants, with other kinds of instruction short of having a formally organized school, if repeated methodically every year, even if there is no method of holding attendants to a fixed period of service, and however limited the effort may be, regarded as systematic training. That experimental lectures may lead the way to a systematic method of teaching is shown by the recent establishment of several asylum schools as the outcome of the interest in this matter excited by the great success of such work in the general hospitals. It is not so new a thing to give lectures to attendants. It is interesting to know that so long ago as 1854, while Florence Nightingale was making the momentous beginning of her great work in hospital reform in the Crimea, Dr. W. A. F. Browne began at the Crichton Institution "the first attempt to educate the attendants upon the insane" by a course of thirty weekly lectures to his "officers, the male and female attendants, and some of the patients who belonged to the medical profession." In this as in other matters, Dr. Browne anticipated to some degree the best methods of the present day in the care of the insane.

From time to time, some such lectures have been given here and there in the asylums,— in this country, particularly, since the establishment of the hospital training schools at Bellevue Hospital and Massachusetts General Hospital, in 1873, thirteen years after Miss Nightingale's first training school was opened at St. Thomas Hospital; and, in the next ten years, more than twenty such schools were established in the United States. The example of these schools has been felt in the asylums in both countries during the last ten years, but the difficulty of getting good attendants has made the literature of the subject still a series of lamentations. Dr. Clouston's forcible statement, in 1876, of the crying need of a new system, in the paper already cited, attracted much attention; he asked if there could not be some mode of training attendants, and suggested some queries as to what they could be taught. To get them to stay in asylums and do their irksome and disagreeable duties for many years, he thought it would be necessary, among other things, to provide a rising scale of pay; to change them from one asylum to another in rotation; to provide facilities for houses, leaves of absence, etc., and for the marriage of at least one-half of the male attendants; to promote their pecuniary interests, and set before them a high ideal of duty.

For some time later, however, there was no attempt to use in the asylums the well-established and successful methods of the general hospital school system, except that infirmary wards came into more general use. The lesson taught by the general hospitals had not yet been learned: that the practical thing for the asylums to do was to take the material in hand, and educate that in the same way as had been done in them. But, in 1881, Dr. Clark, "taking up the subject where Dr. Clouston left off" and making a distinct advance in the same direction, undertook to devise "an organized scheme of special training," upon taking charge of the new Glasgow District Asylum. During the first year, an experimental series of eighteen lectures and blackboard exercises, undertaken with some hesitation, was so successful and encouraging that more was done in the next winter of 1882–83. It is significant that, in the process of working out his problem, Dr. Clark says he found "that we are becoming more and more fully impressed with the idea that the asylum of the future will partake largely of the hospital type." This process of feeling the way to a perfected scheme is very interesting of itself, besides illustrating a different method of the evolution of a new system from that put in operation here in 1879. In a similar manner, starting with didactic teaching rather than class work, Dr. Andrews began, at the Buffalo Hospital, an experimental series of lectures in the fall of 1883, without any addition to the teaching staff, it is understood; and these lectures led to the adoption of a more complete school system in 1885, and the formal promulgation of the scheme of training. Later, such schools have been introduced into the Pennsylvania, Norristown, and Kankakee hospitals.

It has been mentioned that one of the first steps taken in the work here just described was the development of the plan of employing women in men's wards. In the years of groping for something better than the old system of nursing in asylums, there has been much serious consideration of these matters by the best authorities. Was a recourse to the religious orders in which there is a survival of the better features of the old monastic institutions desirable? There is a notable article on "Sisterhoods in Asylums" in the *Journal of Mental Science* for April, 1866, by a well-informed but anonymous writer, who advocates the employment of women in such a way. Much excellent work continues to be done by the religious sisterhoods in the care of the insane, of men as well as women. In the growing system, at home and abroad, of infirmary wards for the sick and feeble, there are a number of places in which married attendants and their wives have the care of insane men. The wives of attendants have been employed in some places in England, as at the West Riding Asylum and Cheadle, in the ordinary care of asylum wards; and, from time to time, this has been done in some wards of this Asylum for many years. Again, attendants' wives are employed in men's wards solely as "bed-makers," as at the St. Andrew's Hospital in Northampton, and at Whittingham, in England. At the latter place also, the infirmary wards for men have been entirely in the care of women by day and of one man and one woman at night since 1873. Dr. Batty Tuke finds it advantageous to have a "lady companion" employed in association with the gentlemen of his private asylum; and Dr. Clouston has similar arrangement at the Craig House, as well as having had an attendant and his wife in charge of the men's infirmary ward since 1877. In these arrangements, however, some special protection is afforded to the sex; and special conditions are relied upon, that are foreign to the one purpose of nursing the sick. It is a radically different matter to place ordinary female unmarried nurses, assisted by young women as ward-maids, in the general wards of men, and to insist upon their carrying on this duty in the same way and as freely as is done in general hospitals. This has been done with good results here for a number of years.

To have an attendant and his wife in charge of a separate house, with a few patients, the woman doing the cooking or other housekeeping duty, etc., as is Mr. Mould's plan at Cheadle, serves an excellent purpose as far as it goes. This is the family plan.

Some ordinary wards may be well served in this way. But the system is inelastic. It is still contended that the amelioration of the ordinary asylum ward for men can best be wrought by properly instructed women. There are many objections to the married nurse. The man and wife are likely to be of unequal quality as nurses; one must sometimes be changed. Their association in a ward is apt to interfere with the discipline. As a rule, a system of training will attract and keep in the service a grade of women superior to the men who could be permanently interested in asylum work. Such women make better hospital nurses if they are not married. The most important objection of all is that for a nurse to be married and continue in hospital service is essentially in conflict with the professional spirit of her work. At all events, it is a pity if there should remain any needless bar to the good that may be done in wards for men by well-trained womanly nurses, who, as single women, have their undivided interest in their calling as a profession. In an important article on the subject of lunacy, published as late as July, 1876, in the *British and Foreign Medico-Chirurgical Review*, an anonymous writer, evidently an accomplished alienist, says in regard to the question of attendants for the insane, "Our brethren have discouraged the services of females, even in the male wards of hospitals, and have not tried the experiment of employing married couples in such galleries as offer opportunities for such association."

Dr. Hack Tuke in his recent work on the Insane in the United States and Canada (the result of his visit in 1884), noticing what he saw of this system in this Asylum, and concisely stating the advantages claimed for it, says: "Dr. Cowles attaches great importance to the employment of female nurses in the male wards. He believes this to be as easily managed as in a general hospital. He holds that it is unnatural for patients to be placed in asylums under entirely different conditions, in regard to female society, from what they have been accustomed to at home. They degenerate in speech and conduct, and the male attendants are also injuriously affected. The presence of female nurses restrains and softens the insane, and enforces self-control. All this may be true; but it is obvious that the practical carrying out of the system must add greatly to the anxiety of the superintendent, and that it should be introduced only by one who is confident he can carry it out successfully. Nor should it be introduced into all asylums. I would add as a valuable feature of this asylum that it forms a training school for nurses."

The happy results given here by this system are so unquestionable, as matters of observation and fact, that it claims some defence. I cannot forbear declaring that it continues to be entirely practicable; it not only has a benign influence in directly promoting the comfort of the patients, but it makes them gentle in manners, and has the same effect upon the men attendants also. The method of accommodating the duties of male and female nurses, and the good effects of the system, have been described in the Asylum reports for 1881 and subsequent years.

The presence of nurses and ward-maids in five of our ten male wards is a commonplace and matter-of-course feature of asylum life, and it is intended soon to include two more wards in this arrangement. I must testify to the fact that my first anxiety in regard to the success of the system has gone; and, after some years of trial, it proves to be a source of relief and confidence in the orderly conduct of the wards rather than an additional care. Such an association of patients and of young women and men as nurses practically works as well here as in the wards of a general hospital, and I see no reason why the plan may not be carried out in many of the wards of the large hospitals for the insane.

The good effects of this system have been found to deserve so much praise by those who have tried it in its guarded form that its benefits ought to be extended, if possible, to the common wards of asylums. That it can be done safely and properly, and with surprisingly good results, is claimed to have been proven here in the last six years. This has been done on the basis of the general hospital idea, and as a part of the scheme for the training school. In all that has been said of this idea in my former reports, it was with special reference to the use of general hospital methods in managing, teaching, and training nurses. When Dr. Clark suggests that the asylum of the future will partake largely of the hospital type, as an argument for the new system in the nursing service, it is undoubtedly with the view of perfecting the means in our hands of applying something in the treatment of the insane that is quite beyond the scope and even the possibilities of the general hospitals; that is, the moral treatment. The social and homelike conditions, more possible in the asylums than in hospitals, are the most natural and helpful for minds diseased.

Samuel Tuke said in 1841, in some wise remarks regarding attendants, in his notes on Jacobi's work on Hospitals for the Insane: "The weakness of infancy, sickness, and age excite emotions which lead to their protection and help. But the sufferer under insanity, in most of its forms, excites rather the feelings of fear, repugnance, or contempt." Jacobi wrote, "I believe that this difficulty will never be surmounted till the spirit of the age becomes so far changed as to induce persons of cultivated minds and benevolent hearts to devote themselves to this employment from religious motives." While Tuke agreed that "such attendants would indeed be invaluable," he said that a "sympathizing and unselfish character is what we primarily want in all who have charge of the insane." Our problem is to take common, honest-hearted human nature as we find it, with healthy self-interest and self-respect, and to put it into sympathetic relations with those who are so afflicted by its perversions that they naturally excite our aversion or resentment. We know well enough why a woman makes the best nurse, and we know as well the untiring and unsparing sympathy that she gives when it is once aroused. We have only to teach her to know that the insane are sick and irresponsible, and how to soften their sufferings, and then we have enlisted in our cause that most potent quality of human nature,—its motherliness. This is a common quality; let us use it. Florence Nightingale founded all her nursing reform upon it. She taught the woman to see beneath and within the repulsive exterior of disease; she gave a "touch of human nature" to the nurse, that awakened the maternal instinct, quickening its sympathy with knowledge. Character is not denied to the humbler walks of life, nor decency of thought and conduct; and there are women enough who will be nurses, if you dignify the profession, of whom it should be said, as the Scotch say of the insane, "The more you trust, the more you may." And to this I would add the maxim that People generally do what you expect of them. If a nurse fails of due discretion in a common ward of insane men, many a man has done so before she did. The fault is with the individual, and not with the system. There need be little trouble with the patients; classification will control that. It is important to define plainly the relation of the nurse to other attendants, and give character to the position, which is naturally that of mistress of all the domestic arrangements of the ward. Thus, it is easier for her to maintain her dignity and command respect. In six years here, eight nurses and four ward-maids have done this duty for longer or shorter periods, in their turns; and I have yet to feel any regret for the adoption of the system.

Samuel Tuke's observation and Florence Nightingale's work, with the data of our experience, furnish the reasoning that forms for us the basis of the proposition we have been seeking to prove for some years. It is that the nurse will be best fitted for general practice who has had full and careful training in both hospital and asylum schools. In every case that needs "bodily nursing," there are mental indications to which it is important that the nurse should have the tact to suit herself. The general physician who is by nature and learning the best practical psychologist, other things being equal, is the most successful. So will be the nurse who, having a good understanding of "bodily nursing," has been trained to have the deeper insight into "mental nursing." She will thereby have her sympathies and interest quickened by knowledge gained by practice and study. During the past six years, a number of women, already trained as general nurses, have been encouraged to acquire practical experience in our wards. The aim has been to offer, when ready for it, to a limited number of graduate nurses in good standing, the benefits of our training, which forms the work of the second year in the School, and includes the special care of the insane. This part of the system of the medical schools, by which students of other schools are admitted to advanced or partial courses, should be made practicable as a matter of comity between the hospital and the new asylum schools now making such promising beginnings. Women thus qualified will make the best asylum matrons and teachers; and a few years will witness the evolution of practical methods of applying the new system to the large asylums, with the happiest results.

These details of this work, here and elsewhere, are thus reviewed, and the ethical principles involved are discussed, in order that the peculiar difficulties belonging to such special hospitals may perhaps be lessened for those who would enter upon a similar undertaking. It has been of great interest to me to watch the process of evolution of the good nurse, under the transforming effect of the new system in the Boston Hospital; to have carried over the same methods into an asylum; and to have discovered for myself the vital and animating principle of the whole work. It is fair, also, to put on record the part of the Massachusetts General Hospital in this matter. It has the credit of being one of the first two general hospitals in this country to enlist in this school work, both hospitals opening their wards in 1873. Its school was the model for that of the neighboring Boston Hospital, the beginning of which has been described. It has carried its hospital methods of training into its asylum department, where, though in a practically separate institution, the new system of nursing is in direct sequence to the hospital work. The Asylum School, modelled upon the same lines, teaches general nursing, as well as it can, as the basis of instruction, and adds to that the special training. Starting with a trained nurse from the Hospital, in

1877, the new system began its evolution in the Asylum in 1879, with no uncertainty of purpose or plan, thereby taking a leading place in the inauguration of definite school methods in asylums.

In Dr. Tuke's pleasant comments on the system of employing women as nurses in men's wards, the suggestion is genially and fittingly made that my text might be, " Emollit mores, nec sinit esse feros." My thanks are due for so happy an application of Ovid's praise of "ingenuas didicisse fideliter artes." We share in Col. Newcome's admiration of these melodious lines, though he often misquoted them to his friends, who were more indulgent than his son. Thanks to Dr. Tuke, my praise of women, strengthened by these classic words, will not hereafter inflict Clive's distress upon my assistants. With such high authority for my faith, nothing can seem truer to me than the proof worked out before my eyes that there is a mollifying influence in the gentler ways of women upon the ruder manners of men.

The enlargement of the nursing service, because of increased night attendance and for other reasons, has overcrowded the accommodations for the nurses; but these are now much improved by the completion of the Hurd Building, which furnishes a number of comfortable rooms, a bath-room, etc., and a convenient and commodious dining-room detached from the wards. The alterations now to be made of the nurses' dormitory in the dome of the Belknap Building, by dividing it into a number of smaller rooms with convenient accessories, will further add to the comfort and welfare of the nurses.

Clinical lectures to students of Harvard Medical School were given early in the year, and are to be repeated during the present winter.

The results of some of the work done in the pathological department, mentioned in former reports, are given in the appendix.

During the summer season, from June to October, two cottages were occupied at the seashore in Lynn, instead of one, as in several previous years. Thirteen ladies spent an aggregate of twenty-nine months there, with very material benefit to some and much comfort to all of them. The nearness of this place made it convenient for occasional excursions from the Asylum, which gave much pleasure and some variety to the monotony of the life here. In other ways, attention has been given as usual to the means of recreation and entertainment of patients during the year.

The earnest thanks of the patients and all who have the care of them are due to the friends of the Asylum who have manifested continued interest in its welfare and its work.

Very respectfully,

EDWARD COWLES, M.D.,
Superintendent.

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

Months.	Admissions.			Discharges (including Deaths).			Daily Average of Patients in the House.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
January, . .	10	2	12	4	. .	4	77.97	93.45	171.42
February, .	2	3	5	5	3	8	81.28	94.28	175.56
March, . .	6	4	10	4	2	6	80.55	92.90	173.45
April, . . .	4	9	13	3	7	10	81.60	97.33	178.93
May, . . .	5	4	9	4	2	6	81.68	97.06	178.74
June, . . .	. .	5	5	5	4	9	78.90	97.33	176.23
July, . . .	2	3	5	5	6	11	73.55	99.64	173.19
August, . .	5	2	7	5	4	9	74.58	93.77	168.35
September, .	2	3	5	8	6	14	70.30	88.57	158.87
October, . .	7	2	9	1	4	5	74.54	92.10	166.64
November, .	4	3	7	4	5	9	75.93	91.07	167.
December, .	7	1	8	8	1	9	75.19	81.22	164.41
Total *cases*, .	54	41	95	56	44	100	77.17	93.89	171.06
" *persons*,	50	41	91	54	44	98	. .	. .	. .

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

Number of the Admission.	Cases admitted.			Times previously recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	38	29	67	4	5	9
Second, ...	11	7	18	3	8	11
Third, ...	1	2	3	2	4	6
Fourth, ...	2	1	3	3	4	7
Fifth, ...	. .	2	2	. .	4	4
Nineteenth, . . .	1	. .	1	18	. .	18
Twentieth, . . .	1	. .	1	19	. .	19
Total of *cases*, . .	54	41	95	49	25	74
Total of *persons*, .	50	41	91	. .	. .	. .

These 74 recoveries represent 24 persons, 12 having recovered one, 7 two, 1 three, 2 four, and 1 nineteen times. The nineteenth and twentieth admissions represent one person.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

Ages.	At first attack of Insanity.			When admitted.		
	Males.	Females.	Total.	Males.	Females.	Total.
15 years and less,	2	. .	2	. .	. .	. .
From 15 to 20 yrs.,	3	7	10	4	2	6
" 20 " 25 "	3	3	6	3	4	7
" 25 " 30 "	5	. .	5	4	3	7
" 30 " 35 "	4	4	8	3	3	6
" 35 " 40 "	2	5	7	4	7	11
" 40 " 50 "	10	4	14	11	4	15
" 50 " 60 "	3	5	8	3	5	8
" 60 " 70 "	4	1	5	4	1	5
" 70 " 80 "	2	. .	2	2	. .	2
Total of *persons*,	38	29	67	38	29	67

TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

Places of Nativity.	Males.		Females.		Total.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine, ...	6	8	8	7	14	15
New Hampshire, .	4	3	5	3	9	6
Vermont, ...	. .	. .	1	3	1	3
Massachusetts, . .	25	23	17	17	42	40
Connecticut, . . .	1	. .	. .	1	1	1
New York, . . .	5	6	1	2	6	8
New Jersey, . . .	1	1	. .	. .	1	1
Kentucky, ...	1	1	. .	. .	1	1
England, ...	. .	. .	3	2	3	2
Canada, ...	2	2	. .	. .	2	2
Ireland, ...	2	1	3	3	5	4
New Brunswick, .	. .	. .	. .	1	. .	1
Nova Scotia, . . .	1	1	1	. .	2	1
Holland, ...	. .	. .	1	1	1	1
Scotland, ...	. .	2	1	1	1	3
Sweden, ...	1	1	. .	. .	1	1
Italy, ...	1	1	. .	. .	1	1
Total of *persons*, .	50	50	41	41	91	91

TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

Places.	Males.	Females.	Total.
Massachusetts: —			
Suffolk County,	15	14	29
Middlesex County,	19	14	33
Essex County,	1	5	6
Norfolk County,	4	1	5
Berkshire County,	. .	1	1
Plymouth County,	1	1	2
Bristol County,	1	. .	1
Barnstable County,	2	. .	2
Worcester County,	1	. .	1
Maine,	. .	2	2
New Hampshire,	2	2	4
Connecticut,	1	. .	1
New York,	1	. .	1
New Jersey,	1	. .	1
Pennsylvania,	1	. .	1
Illinois,	. .	1	1
Kentucky,	1	. .	1
Michigan,	1	. .	1
Canada,	1	. .	1
Nova Scotia,	1	. .	1
Total of *cases*,	54	41	95
Total of *persons*,	50	41	91

TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,	14	14	28	21	12	33	3	3	6
Second,	6	2	8	4	5	9	1	. .	1
Third,	. .	1	1	1	1	2	. .	. .	. .
Fourth,	. .	1	1	2	. .	2	. .	. .	. .
Fifth,	. .	. .	. .	. .	1	1	. .	1	1
Nineteenth,	1	. .	1	. .	. .	. .	. .	. .	. .
Twentieth,	1	. .	1	. .	. .	. .	. .	. .	. .
Total *cases*,	22	18	40	28	19	47	4	4	8
Total *persons*,	19	18	37	27	19	46	4	4	8

TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

Occupations.	Males.	Females.	Total.
Housewife,	. .	18	18
Clerk,	7	1	8
Journalist,	2	. .	2
Merchant,	9	. .	9
Farmer,	3	. .	3
Student,	3	1	4
Teacher,	. .	1	1
Lawyer,	3	. .	3
Clergyman,	1	. .	1
Civil Engineer,	2	. .	2
Policeman,	1	. .	1
Barber,	1	. .	1
Mechanic,	13	. .	13
No occupation,	5	20	25
Total of *persons*,	50	41	91

TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	. .	. .	. .	. .	. .	. .	. .	. .	. .
Under 1 mo.,	10	8	18	4	4	8	14	12	26
Fr. 1 to 3 mo.,	11	6	17	5	3	8	16	9	25
" 3 " 6 "	6	4	10	2	2	4	8	6	14
" 6 " 12 "	3	2	5	1	1	2	4	3	7
" 1 " 2 yrs.,	3	4	7	1	1	2	4	5	9
" 2 " 5 "	5	3	8	2	1	3	7	4	11
" 5 " 10 "	. .	2	2	1	. .	1	1	2	3
Total *cases*,	38	29	67	16	12	28	54	41	95
Total *persons*,	. .	. .	. .	12	12	24	50	41	91
Average of known persons (in years),	.50	.90	.70	1.03	.59	.81			

TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

Form of Disease.	Males.	Females.	Total.
Mania, acute,	20	11	31
Mania, chronic,	1	3	4
Mania, hysterical,	. .	3	3
Mania, puerperal,	. .	1	1
Mania, epileptic,	1	. .	1
Dipsomania,	1	. .	1
Melancholia, acute,	12	13	25
Melancholia, chronic,	1	4	5
Dementia, chronic,	1	5	6
Dementia, senile,	1	. .	1
General Paralysis,	13	1	14
Moral Insanity,	1	. .	1
Folie du doute,	2	. .	2
Total of *cases*,	54	41	95
Total of *persons*.	50	41	91

TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

Causes.	Males.	Females.	Total.
Mental.			
Grief,	1	3	4
Anxiety,	8	5	13
Fright,	. .	1	1
Physical.			
Ill-health,	12	8	20
Injury to the head,	3	. .	3
Overwork,	9	5	14
Constitutional,	4	1	5
Change of life,	. .	2	2
Childbirth,	. .	1	1
Epilepsy,	1	. .	1
Acute disease,	1	2	3
Unknown,	15	13	28
Total of *cases*,	54	41	95
Total of *persons*,	50	41	91

TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

	Males.	Females.	Total.
Never before in any Hospital, ...	38	29	67
Former inmates of this Hospital, ...	9	8	17
Former inmates of other Hospitals in this State: —			
South Boston, ...	. .	1	1
Taunton, ...	2	. .	2
Private Asylum, ...	2	. .	2
Former inmates of Hospitals in other States,	2	. .	2
Former inmates of this Hospital and of other Hospitals in this State: —			
Danvers, ...	1	. .	1
Former inmates of this Hospital and of Hospitals in other States, ...	. .	2	2
Former inmates of foreign Hospitals, . . .	. .	1	1
Total of *cases*, ...	54	41	95
Total of *persons*.	50	41	91

TABLE No. 13.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,	10	9	19	4	3	7	7	4	11	6	11	17	11	1	12	38	28	66
Second,	3	7	10	1	. .	1	1	1	2	2	1	3	3	1	4	10	10	20
Third,	2	. .	2	1	1	2	. .	. .	. .	. .	1	1	. .	. .	. .	3	2	5
Fourth,	1	1	2	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1	3	1	4
Fifth,	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Eighth,	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Sixteenth,	. .	. .	. .	. .	1	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	1
Nineteenth,	1	. .	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	. .	1
Twentieth,	1	. .	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	. .	1
Total of *cases*,	18	19	37	7	5	12	8	5	13	8	13	21	15	2	17	56	44	100
Total of *persons*,	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	54	44	98

TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	6	7	13	7	1	8	. .	. .	. .
Fr. 1 to 3 mo.,	6	7	13	5	1	6	9	1	10
“ 3 “ 6 “	5	1	6	2	6	8	4	5	9
“ 6 “ 12 “	. .	1	1	2	7	9	3	6	9
“ 1 “ 2 yrs.	. .	1	1	2	3	5	. .	5	5
“ 2 “ 5 “	. .	2	2	. .	1	1	1	1	2
“ 5 “ 10 “	1	. .	1	. .	. .	. .	1	1	2
Total *cases*,	18	19	37	18	19	37	18	19	37
Total *persons*,	17	19	36	17	19	36	17	19	36
Average of known cases (in months),	4.9	5.51	5.22	4.06	8.49	6.33	8.96	14.	11.55

TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo., . .	2	. .	2	1	1	2	. .	. .	. .
From 1 to 3 mo.,	7	. .	7	3	. .	3	1	. .	1
“ 3 “ 6 “	2	1	3	1	. .	1	3	1	4
“ 6 “ 12 “	1	. .	1	4	. .	4	4	. .	4
“ 1 “ 2 yrs.,	. .	. .	. .	4	1	5	1	. .	1
“ 2 “ 5 “	2	1	3	2	. .	2	5	. .	5
“ 5 “ 10 “	1	. .	1	. .	. .	. .	1	1	2
Total, ...	15	2	17	15	2	17	15	2	17
Average of known cases (in months),	11.83	26.5	13.56	23.05	37.87	24.8	30.78	64.37	38.35

TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute, . . .	12	6	18	3	1	4
Mania, chronic, . . .	. .	1	1	. .	. .	. .
Melancholia, acute, .	3	10	13	2	. .	2
Melancholia, chronic, .	1	1	2	3	1	4
General Paralysis, . .	. .	. .	. .	7	. .	7
Dipsomania, ...	1	. .	1	. .	. .	. .
Folie du doute, . . .	1	. .	1	. .	. .	. .
Not insane, ...	. .	1	1	. .	. .	. .
Total of *cases*, . . .	18	19	37	15	2	17
Total of *persons*, . .	17	19	36	15	2	17

TABLE No. 17.

CAUSES OF DEATH.

Causes.	Males.	Females.	Total.
Cerebral Disease.			
General Paralysis, ...	7	. .	7
Exhaustion from Mania, ...	2	. .	2
Exhaustion from Melancholia, ...	2	. .	2
Abscess of Brain, ...	1	. .	1
Other Causes.			
Pneumonia, ...	. .	1	1
Cellulitis, ...	1	. .	1
Chronic Interstitial Nephritis, ...	2	1	3
Totals, ...	15	2	17

TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

Number of the Admission.	Recovered.			Much Improved.			Improved.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Second, ...	2	6	8	. .	. .	. .	1	1	2	3	7	10
Third, ...	1	. .	1	. .	. .	. .	1	. .	1	2	. .	2
Fourth, ...	1	1	2	. .	. .	. .	. .	. .	. .	1	1	2
Fifth, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Eighth, ...	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Nineteenth, . . .	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1
Twentieth, . . .	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1
Total of *persons*, .	6	9	15	. .	. .	. .	2	1	3	8	10	18

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* This classification is based upon the result of the admission next preceding the last, in each case respectively.

TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, . . .	. .	. .	. .	. .	. .	. .
Under 1 month, . .	. .	. .	. .	2	1	3
From 1 to 3 months,	1	. .	1	2	. .	2
" 3 " 6 "	3	1	4	. .	. .	. .
" 6 " 12 "	4	. .	4	4	. .	4
" 1 " 2 years,	1	. .	1	4	1	5
" 2 " 5 "	5	. .	5	3	. .	3
" 5 " 10 "	1	1	2	. .	. .	. .
Total, ...	15	2	17	15	2	17
Average of known *cases* (in months),	23.40	37.87	25.10	14.40	11.38	14.04

TABLE No. 20.

AGES OF THOSE WHO DIED.

Ages.	At time of the first Attack.			At time of Death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 30 to 35 years,	1	. .	1	1	. .	1
" 35 " 40 "	3	1	4	2	1	3
" 40 " 50 "	5	. .	5	4	. .	4
" 50 " 60 "	2	1	3	4	. .	4
" 60 " 70 "	3	. .	3	3	1	4
" 70 " 80 "	1	. .	1	1	. .	1
Total, ...	15	2	17	15	2	17

TABLE No. 21.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

FROM ITS OPENING, OCT. 6, 1818, TO DEC. 31, 1885, INCLUSIVE.

Years.	Admitted.	Discharged.	Whole No. under care.	Died.	Much improved, etc.	Recovered.	Remaining at end of year.	Average No. of Patients.
1818–25	398	344	623	29	205	110	279	. .
1826	47	46	101	5	21	20	55	. .
1827	58	56	113	5	17	34	57	. .
1828	77	65	134	5	37	23	69	. .
1829	73	77	142	9	42	26	65	. .
1830	82	78	147	10	34	34	69	. .
1831	83	84	152	8	46	30	68	. .
1832	94	98	162	10	45	43	64	. .
1833	103	100	167	8	50	42	67	. .
1834	108	95	174	7	47	41	80	. .
1835	83	84	163	11	28	45	77	. .
1836	106	112	183	10	38	64	71	. .
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	48	19	151	157
1880	51	48	202	6	30	12	154	152
1881	66	65	220	14	37	14	155	150
1882	82	70	237	8	36	26	167	156
1883	109	111	276	17	57	37	165	164
1884	113	103	278	17	52	34	175	166
1885	95	100	270	17	46	37	170	171
	6,921	6,751		995	2,863	2,893		

TABLE No. 22.

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY-ONE YEARS,—1864-1885.

Years.	Applications.	Admissions.		American.		Foreign.		Not Admitted.	Discharged, cured, relieved, or improved.		Percentage of same on Admissions.		Died.			Whole number under care in the year.		Number of free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		Average time in weeks Paying and Free at Hospital.		Out-patients.
	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3.7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5.1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	681	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3.4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3.9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3 1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3 3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80 80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	32	81.53	62.7	151	6	351	2284	202	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566
1881	2786	2106	66	1074	57	1032	9	680	1853	37	82.19	56	189	14	391	2270	220	1835	419	26	195	161	139	147	166	150	168	39	2.79	4.41	18443
1882	2587	2147	82	1127	73	1020	9	440	1775	47	87.83	57.3	177	8	348	2302	237	1876	399	12	195	166	143	149	168	156	167	35	2.84	4.41	16304
1883	2460	2020	109	1035	93	985	16	440	1664	63	82.33	57.8	181	17	432	2185	276	1633	473	79	189	171	143	151	168	164	168		2.75	4.80	*7102
1884	2494	2096	113	1043	95	1053	18	398	1685	57	80.39	50.4	191	17	397	2310	278	1815	448	47	186	175	129	154	165	166	159	40	3	4.14	14824
1885	2636	2327	95	1178	84	1149	11	299	1945	62	85.38	65.3	192	17	443	2472	270	2044	382	46	184	185	147	159	167	171	166	26	2.38	4.08	17016

*Out-patient Department open only five months.

TABLE No. 23.

TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

Articles.	1882.			1883.			1884.			1885.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, ... lbs.,	57,936½	$7,869.37	.1358	67,534	$8,604.15	.1274	69,313	$9,573.72	.1381	71,169	$9,350.98	.1313
Mutton and Lamb, "	20,340	2,104.57	.1034	23,280	2,406.70	.1033	22,221	2,154.00	.0969	26,865	2,288.99	.0852
Veal, ... "	13,367	1,445.17	.108	10,401	1,173.42	.1128	11,916	1,319.68	.1107	11,747	1,218.43	.1037
Poultry, ... "	18,946	3,815.64	.201	11,324	2,422.44	.213	12,806	2,753.43	.215	14,300	2,716.52	.189
Ham, etc., . . . "	9,724¼	1,234.90	.126	7,970	1,043.39	.13	11,220	1,480.33	.131	13,105	1,358.58	.103
Eggs, ... doz.,	11,153½	3,143.77	.277	10,758	3,009.04	.279	10,579	2,590.78	.244	11,046	2,402.08	.216
Lard, ... lbs.,	1,041	133.08	.127	1,680	186.75	.111	2,045	201.10	.098	1,724	144.26	.083
Flour, ... bbls.,	455	3,767.15	8.279	507	3,690.67	7.279	541	3,531.57	6.527	528	2,901.42	5.49
Butter, ... lbs.,	20,780	6,276.21	.302	21,612	5,939.32	.274	20,991	5,497.28	.261	22,738	5,014.07	.220
Coffee, ... "	3,955	944.80	.2388	3,530	862.57	.244	2,904	720.65	.248	3,162	714.18	.234
Tea, ... "	1,522	501.31	.3294	1,406	460.54	.327	1,215	403.02	.331	1,286	433.42	.337
Sugar, ... "	26,489½	2,462.13	.0929	27,672	2,421.10	.874	28,351	1,951.19	.068	29,404	1,891.91	.064
Lights, Gas, etc., feet,	....	3,858.49	....	....	3,379.25	....	....	3,461.92	....	....	2,978.91	....
Coal, ... tons,	$1,200\frac{252}{2000}$	7,284.95	6.07	$1,022\frac{1050}{2000}$	6,303.39	6.164	$1,434\frac{1393}{2000}$	7,786.65	5.427	$1,190\frac{530}{2000}$	6,297.49	5.29
Wood, ... cords,	14¼	103.31	7.25	8½	55.25	6.50	....	....	....	10½	70.88	6.75
Ice, ... tons,	$42\frac{1600}{2000}$	759.46	1.79	$481\frac{100}{2000}$	841.79	1.75	$486\frac{1800}{2000}$	930.62	1.911	$426\frac{500}{2000}$	955.49	2.241

MASSACHUSETTS GENERAL HOSPITAL.

McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

The Trustees of the Massachusetts General Hospital having established, at the McLean Asylum for the Insane, a school for nurses, offer to give to women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health. Upon the recommendation of the Superintendent of the Hospital and the approval of the Trustees, they will be received for two months on probation.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can in

like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc.; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine; and the managing of convalescents.

The instruction is given mainly by the Superintendent of the Training School, and by the Supervisor and Head Nurses. Lectures and demonstrations will be given, at stated periods, by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Hospital. All whose applications for admission to the School are made after May 1, 1886, will be paid twelve dollars ($12) per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Their education during this time is considered as compensation for their services.

They are required to wear at all times, while on duty in the wards, the hospital uniform dress.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

N.B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.

QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Christian name in full of Candidate. . . . .
2. Are you a single woman or widow? . . . .
3. Your present occupation or employment? . . . .
4. Age last birthday, and date and place of birth? . . . .
5. Height? . . . . Weight? . . . . . .
6. In what school or schools educated? and in what place? . . . .
7. Are you strong and healthy? and have you always been so? . . . .
8. Are your sight and hearing perfect? . . . .
9. Have you any physical defects? . . . .
10. Have you any tendency to pulmonary complaint? . . . .
11. If a widow, have you children? How many? Their ages? How are they provided for? . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . .
14. The names in full and addresses of two persons not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

Name, ...
Address, ...
has known me years.

Name, ...
Address, ...
has known me years.

Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.

Signed, ...
Candidate.

Present Address, ...

Date, ... 188 . . . .

PATHOLOGICAL REPORT.

EXAMINATIONS BY W. W. GANNETT, M.D., PATHOLOGIST.

Case I.— General Paralysis. Three and a half years' duration. Male, aged forty. Frequent convulsions always beginning in the left hand and arm, sometimes limited to that limb. Death from embolism of the pulmonary artery.

Diagnosis: Brachycephalic skull; œdema of pia; chronic ependymitis; moderate atrophy of brain; chronic circumscribed-meningo-encephalitis.

Autopsy forty-two hours after death. Body well developed, well nourished, subcutaneous fat tissue everywhere abundant. Right thigh and leg slightly larger than left, not pitting on pressure. Rigor mortis marked. Ratio of head to body and cranium to face apparently normal. Skull markedly brachycephalic, symmetrical. Calvaria of normal thickness: its removal was attended with the escape of considerable clear fluid, ratio of diploë to tables normal. Dura mater quite firmly adherent to calvaria in central line, everywhere thin and translucent; nothing unusual observed on external or internal surface; superior longitudinal sinus contained a small amount of fluid blood; other sinuses showed nothing abnormal.

There was a considerable quantity of clear serum in the meshes of the pia, uniformly distributed over the convexities; moderate thickening and opacity of the pia along the course of the vessels. Vessels at base of brain and in the fissure of Sylvius showed nothing abnormal. Each lateral ventricle contained about 10 cc. of fluid; ependyma slightly thickened and granular; floor of the fourth ventricle granular, roughened. Brain substance rather flaccid, but tough: sulci in anterior portion wider than usual. On section, ratio of gray matter of cortex to white matter somewhat diminished; this most marked in the anterior frontal region; gray matter pale: section of white matter showed moderate moist surface; puncta cruenta well marked, though rather small. Section of corpora striata and optic thalami showed a diffused, pale snuff-colored appearance. Section of medulla, pons, and cerebellum showed nothing abnormal. The pia was adherent, tearing away brain substance on its removal, over the lower portions of the ascending frontal and parietal convolutions on the right side.

There was chronic adhesive pleurisy of the left, and marked œdema of both lungs. In the right primary pulmonary artery was a firm, homogeneous, pale red thrombus, one end of which extended into one secondary pulmonary artery, the other end into the other branch, forming a rider, completely obliterating the lumen of the vessel; in one portion adherent to the inner wall. In the right iliac and femoral veins, from a point about 6 cm. below the inferior vena cava to the popliteal region, was a thrombus, tolerably firm, homogeneous, dark blue, for the most part adherent to the wall, and in many places obliterating the lumen; the end toward the vena cava was irregular. Other organs showed nothing remarkable.

Microscopic examination of brain, fresh. Marked increase in the neuroglia in the first layer of the cortex, especially in the lower portions of the gyrus parietalis superior and gyrus centralis of the right side; moderate degree of pigmentation of the ganglion cells of the gray matter of the cortex; moderate collection of ruby-red granular pigment in the adventitial lymph-sheaths; collections of similar pigment granules lying free in the gray cortex, white matter, and in the basal ganglia; pigmentation of the ganglion cells of the latter to a slight degree. No changes were observed in vessels of the pia beyond the pigment in the adventitial sheaths of smaller vessels dipping into the cortex.

Examination after hardening. The pia showed a slight increase in the number of dense connective-tissue fibres, with a moderate degree of infiltration of the same with round cells.

The first layer of the cortex was composed wholly of a series of the finest lines, crossing each other in every direction and giving the appearance of a very fine mesh; in this were to be seen a few round (lymphoid) cells and a few spider cells; the ganglion cells of the third layer pigmented, nothing beyond this. The blood vessels of the cortex and adjacent white matter empty and collapsed for the most part; a few contained an occasional red blood corpuscle. No changes in the vessel walls observed.

The ependyma of the lateral ventricles was four or five times as thick as normal, showing the same finely fibrous appearance described in connection with the cortex, only that the fibres were crowded more closely together,— a moderate number of spider cells in the mesh.

In two places, a collection of red blood corpuscles in the perivascular spaces was observed; but neither on these nor on other vessels were there any evidences of periarteritis or miliary aneurism formation.

CASE II.— General Paralysis. Three and a half years' duration. Male, aged forty-seven.

Diagnosis: Œdema of pia; chronic leptomeningitis; diffuse meningo-encephalitis; moderate atrophy of brain, chronic diffuse ependymitis; internal hydrocephalus; état criblé, enlarged perivascular spaces of brain.

Autopsy thirty hours after death. Antero-posterior diameter of the skull 18 cm.; transverse, 14.8 cm. Calvaria thinned, diploë diminished; along the longitudinal sinus in two areas, 15 cm. in diameter, the calvaria was about 1 mm. thick. Dura presented unusual thickness along the median line; the superior longitudinal sinus contained partly coagulated blood; dark fluid blood in the lateral sinuses. In the meshes of the pia was a considerable collection of clear fluid, diffusely spread. The pia was thickened, opaque in patches, most marked along the course of the vessels. Sulci somewhat wider than usual. During the removal of the brain there was an escape of considerable fluid. Weight of brain, 1,420 grms. The lateral ventricles contained about 40 cc. of clear fluid; cavities dilated about three times the normal size; ependyma everywhere thickened and granular; choroid plexus pale, adherent to the floor of the ventricle, and showed at the extremities numerous small, thin-walled cysts, with clear contents; floor of the fourth ventricle showed a granular appearance. Striæ acusticæ indistinct. Brain substance softer than usual; puncta cruenta small; openings of vessels enlarged; gray cortex throughout more opaque than usual; here and there, thinner than normal. Basal ganglia on section showed a diffuse, pale yellow tint; somewhat more opaque than normal. Pia everywhere adherent, tearing away brain substance, on its removal. Other organs not remarkable.

Microscopic examination of brain, fresh. No corpora amylacea observed in the first layer, nor were the evidences of increased formation of interstitial tissue apparent. Moderate degree of pigmentation of ganglion cells of the third layer. Many of them contained glistening, refracting globular bodies, all of about the same size. The adventitial sheaths of the vessels were in many places separated from the media, in some places containing apparently nothing; in other places, free, red pigment and degenerated red blood corpuscles, enclosed in cells. Neither granular corpuscles nor fatty degenerated vessels observed. Basal ganglia: the ganglion cells contained pigment and glistening drops similar to those described in connection with the ganglion cells of the cortex.

Examination after hardening. Pia showed nothing abnormal. Cortex: in the first layer was to be seen here and there, in circumscribed patches, the fine fibrous network, as already described, with lymphoid cells, somewhat increased in size, lying in it, and also an occasional spider cell; in some parts of the first layer, only the neuroglia network was present, without any nuclei or spider cells; elsewhere, the first layer not remarkable. Vessels of cortex were moderately distended with blood corpuscles. In many places, the adventitial sheath was separated from the media, the space being filled with round cells and yellowish-brown granular pigment. Ganglion cells of third layer somewhat small; some showed nucleus and nucleolus indistinctly stained (rest of specimen well stained), with granular matter (protoplasm of cell) about them not stained, the cell boundaries being very irregular and broken.

Cord: in one portion of the cervical region, the columns of Goll and Burdach were separated by a broad band of connective tissue, this being the thickened connective tissue and neuroglia of the part; sections from other portions of the cervical cord showed no such appearances; the ganglion cells in general contained pigment. Dorsal cord: pigmentation of ganglion cells; nothing beyond this observed. Lumbar cord showed nothing abnormal; pigmentation of ganglion cells.

CASE III.—Acute Delirious Mania. Duration, one week. Male, aged fifty-one.

Diagnosis: Moderate hyperostosis of skull; slight atrophy of the brain; œdema of pia.

Autopsy twenty-one hours after death. Body large, well developed, and well nourished. Ratio of head to body and cranium to face apparently normal. Antero-posterior diameter of the skull, 18 cm.; transverse diameter, 14 cm. Nothing unusual observed about the cranium. Calvaria measured in the thickest portions 11 mm.; in the thinnest, 4 mm.; nothing unusual about its external or internal surface. Dura everywhere translucent; superior longitudinal sinus contained a small amount of fluid blood; its lumen was nearly half filled by Pacchionian granulations; the lateral sinuses also contained a small amount of fluid blood; nothing unusual was observed about the inner surface of the dura mater. The pia was everywhere thin and delicate, the meshes being filled with a clear serous fluid. The sulci were somewhat wider than usual. Weight of brain, 1,504 grms. Nothing unusual was observed about the vessels at the base or in the fissure of Sylvius. Each of the lateral ventricles contained a few centimetres of clear fluid: ependyma everywhere smooth and shining; velum interpositum and choroid plexuses were of a pale red color. Brain substance in general tolerably firm; on section, cut surface dry, puncta cruenta few and small; gray cortex apparently the usual degree of thickness, and rather pale. The ganglia at the base of the brain, the pons, medulla, and cerebellum showed nothing remarkable. The pia everywhere readily separated from the brain substance, its vessels contained only a moderate amount of blood.

In the right hypochondriac region was an abscess, containing about 100 cc. of a dirty puriform fluid, bounded in front by the junction of the ascending and transverse colon, posteriorly by the duodenum, and laterally and posteriorly by the gall bladder. No communication could be made out between the cavity of the abscess and the duodenum, colon, gall bladder, or the free peritoneal cavity. There was a slight degree of cloudy swelling of the kidneys; the mucous membrane of the pelvis of the right kidney was injected, velvety, and showed numerous small ecchymoses; the mucous membrane of both ureters was somewhat thickened, and covered with an abundant layer of creamy pus; a moderate cystitis in the neighborhood of the trigonum. There was emphysema of both lungs. Other organs not remarkable.

Microscopic examination of brain, fresh. A moderate degree of pigmentation of the ganglion cells; moderate collection of fat drops in the adventitial lymph spaces. Beyond this, nothing abnormal was detected anywhere in the brain. Brain not hardened.

Case IV.— Acute Mania. One week's duration. Female, aged thirty-five.

Diagnosis: Injection of the vessels of the brain and cord to a marked degree.

Autopsy seventy-two hours after death. Body small, fairly developed, fairly well nourished. Superficial parts of the body of a pale yellow tint. The ratio of head to body and cranium to face apparently normal. Skull symmetrical. Nothing unusual observed about the pericranium. Calvaria measured at its thinnest portion, 2 mm.; at its thickest, 6 mm.; ratio of diploë to tables as usual; sutures open; on the inner surface, numerous depressions along the middle line corresponded to the situation of

Pacchionian granulations; calvaria firmly adherent to the dura along the course of the longitudinal sinus. Dura everywhere thin and translucent; all the sinuses distended with partly coagulated blood. Pia everywhere thin and delicate. Sulci somewhat larger and wider than usual, the meshes containing a small amount of clear, thin fluid. Vessels of the pia throughout, from the largest to the smallest to be seen with the naked eye, distended with blood. Moderate escape of clear fluid from the cavity of the skull during removal of brain. Weight of brain, 1,440 grms. Vessels of the base and in the fissure of Sylvius were distended with fluid blood, with here and there a small coagulum; walls thin and delicate; the lumina everywhere perfect. Each lateral ventricle contained about 10 cc. of clear fluid; cavities of the usual size; ependyma everywhere smooth and shining; choroid plexuses of a dark reddish-blue color, and the vessels distended with blood; the velum interpositum also very dark; nothing unusual observed about the third and fourth ventricles. Brain slightly soft; gray matter of the convolutions 2 to 3 mm. thick and of a dark purplish color, showing, on close examination, numerous small red points; in many places, a pale narrow line, corresponding to the third layer, was to be made out; white matter of the usual color; puncta cruenta somewhat more abundant than usual; gray matter of corpus striatum and optic thalamus darker than usual; the larger vessels contained small clots, small red points representing the smaller vessels; the same appearance of the vessels of the pons, medulla, and cerebellum. Pia everywhere readily separable from the brain substance; considerable fluid in the space between the dura and pia of the cord; vessels of the pia distended with blood. On section, cord in general quite firm. The gray matter was of darker color than usual, and showed in many places the smaller vessels well injected.

There was acute fibrinous pneumonia of the upper and lower lobes of the right lung. Other organs not remarkable.

Microscopic examination of brain, fresh. Gray cortex: the ganglion cells showed only a few granules of pigment in each cell; these cells of good size and form. The vessels, large and small, were distended with blood corpuscles, so that the section looked like a close mesh of red lines made up of the capillaries and smaller arteries; no evidence of diapedesis observed in the fresh specimens. Basal ganglia showed the same appearances as regards ganglion cells and vessels. Cord showed the same appearances after hardening. Various portions of the cortex and the spinal cord throughout showed a very marked injection of the vessels, but nowhere any signs of diapedesis or other changes in the ganglion cells, nerve fibres, or neuroglia.

Case V.— Melancholia with Delusions. Two years and three months' duration. Male, aged fifty-six.

Diagnosis: Calcified plate in the dura; very slight œdema of pia; absence of right vertebral artery; chronic circumscribed leptomeningitis; chronic circumscribed interstitial myelitis.

Autopsy thirty-six hours after death. Body large, well developed, somewhat emaciated. Rigor mortis marked. Ratio of head to body and of cranium to face appeared normal. Nothing unusual about the pericranium or external surface of calvaria. Skull measured antero-posteriorly 192 mm., transversely 147 mm. Calvaria measured on an average 7 mm. in thickness; relation of diploë to tables normal; calvaria readily separable from dura. Dura translucent everywhere; sinuses contained a small amount of dark fluid blood; in the tentorium, a calcified plate about 6 mm. in diameter was found; inner surface of dura everywhere smooth, shining, and pale. In the meshes of the pia, between the sulci, was a very small amount of clear, thin fluid; the pia was thin, delicate, and translucent, and the vessels contained a moderate amount of blood. The brain filled the cavity of the skull, and weighed 1,552 grms. The vessels at the base and in the fissure of Sylvius showed thin delicate walls; the right vertebral artery was apparently absent, the left being proportionately enlarged. The lateral ventricles contained each about 5 cc. of clear fluid; the ependyma was everywhere smooth and shining; velum interpositum and choroid plexuses were of the usual color, and the latter were in one point on either side of the floor of the ventricle; fourth ventricle showed no unusual appearances. The brain substance, in general, was firm; the gray cortex measured 2 to 3 mm. in diameter, and was of good color, with here and there an opaque yellow line at about its middle; the white matter was firm and slightly moist, and the puncta cruenta marked. Section of the basal ganglia, the pons, medulla, and cerebellum, showed no appearance worthy of note. The pia was everywhere readily separable from the brain substance; in the neighborhood of the olfactorii, it was slightly thickened and opaque. There was a slight escape of clear fluid from the cavity of the skull during removal of the brain. The peridural fat tissue of the cord was abundant; the dura, pia, and cord itself showed in gross no unusual appearances.

There was pigmentation of the muscular substance of the heart; chronic adhesive pleurisy; putrid bronchitis with acute bronchopneumonia; chronic interstitial nephritis of a moderate degree, and cicatrices of the left kidney from embolism; brown atrophy of the liver.

Microscopic examination of brain, fresh. The ganglion cells of the gray cortex contained a small amount of yellow granular pigment. The vessels contained but little blood; here and there along the course of the capillaries were to be seen circumscribed collections of fat drops, at regular intervals surrounding a nucleus [fatty degeneration of capillaries]. No separation of, or other change observed in, the adventitia of any of the vessels. Here and there, a granule or two of pigment lying free. White matter showed nothing unusual. Basal ganglia: the ganglion cells contained a few granules of pigment. Vessels contained about the normal amount of blood. Pia: pigment in the sheaths of the vessels. Cortex: in certain parts, in the very outermost layer of the cortex a slight degree of the finely fibrous appearance was to be seen, the deeper portions showing nothing unusual; nowhere were any spider cells observed; the ganglion cells of the third layer pigmented, bodies of cells of good size and form; the processes remarkably distinct. Cord, upper cervical: the same finely fibrous appearance described in detail in connection with the cortex of Case I. was seen in the right lateral region [cerebellar lateral column, *Kleinhirnseitenstrangbahn*]. A few spider cells were observed, but these were rather indistinct. Cervical enlargement: the same appearances as in the upper cervical, and limited to the same region [cerebellar column, right side]. Dorsal cord: in all segments, the medium and larger sized vessels showed a marked thickening of the walls, these presenting a clear, homogeneous, glistening appearance [hyaline degeneration, *Recklinghausen*]. In the left anterior cornu, the ganglion cells were diminished in number, and in the right anterior cornu had almost wholly disappeared, the cornu presenting but few nerve fibres, but many interlacing fine neuroglia fibres; the cornu showing an open, coarse meshwork. The lumbar cord was, in all parts examined, remarkably well preserved; the ganglion cells were present in sufficient numbers, were large, their outlines sharply marked, nuclei and nucleoli distinct. Some of the cells contained a moderate amount of pigment. Nowhere was any hyaline degeneration of the vessels observed.

CASE VI.— General paralysis. Duration, about six years. Male, aged forty-nine. Convulsions involving principally the left side.

Diagnosis: Pachymeningitis interna chronica, hæmorrhagica, serosa et pigmentosa; chronic leptomeningitis; chronic ependymitis; internal hydrocephalus; atrophy and œdema of brain; injection of vessels of corpus striatum; pigmentation of the internal capsules, chronic meningo-encephalitis; chronic interstitial myelitis.

Autopsy twenty-four hours after death. Body medium sized, well developed, somewhat emaciated. Rigor mortis present. Relation of head to body and of cranium to face apparently normal. Nothing unusual observed about the pericranium or external surface of the calvaria. Skull measured antero-posteriorly 185 mm., and transversely 136 mm. Calvaria varied in thickness from 2 to 5 mm.; relation of tables to diploë normal; calvaria readily separated from the dura. Dura seen *in situ* rather opaque and of a dark bluish color; convolutions not seen; over the inner surface of the dura of the convexities and posterior fossa were a series of layers of membranes which were thin, delicate, and translucent, the deeper ones firmly adherent to the dura, the others separated in places by layers of pigment; also two layers separated over a considerable area by a partly decolorized blood clot about 4 mm. in thickness; on the borders of these masses, the inner surfaces showed a snuff-colored appearance; from these points, a delicate adherent false membrane could be picked; the sinuses contained a small amount of partly coagulated blood. The brain did not fill the cavity of the skull, and weighed 1,395 grms. The meshes of the pia contained no fluid; the pia was thickened, opaque and cloudy throughout all the convexities and base, most marked along the course of the vessels. The vessels of the base and fissure of Sylvius showed everywhere thin walls, and contained a small amount of partly coagulated blood. Lateral ventricles distended to about twice their usual size; the ependyma everywhere thickened, granular, and warty; velum interpositum and choroid plexuses of about the usual color; the latter showed the presence of a few cysts about the size of dried split peas, containing a clear liquid; the plexuses were for the most part adherent to the floor of the ventricles; the ependyma of the third and fourth ventricles showed appearances similar to those described in the lateral ventricles, only that in the fourth the warty appearance was more pronounced.

The brain, as a whole, showed a marked diminution of the transverse diameter of the frontal regions; the brain substance in general was somewhat flaccid, and at the same time tougher and more leathery than usual. On section, the gray cortex was considerably thinned over the apices of the convolutions of the frontal regions, particularly of the right side, measuring only 1.5 mm. in thickness, pale in color, showing in many places narrow yellow opaque streaks, corresponding to the third layer of the pyramidal ganglion cells. The surface of the white substance showed a dirty yellowish-white tint; the surface somewhat moist and the puncta cruenta well marked. The section of the basal ganglia showed the corpus striatum to be of a darker purplish color than usual, and on closer inspection numerous red streaks and specks were to be seen; the internal capsule of a yellowish-white tint; otherwise, the basal ganglia, together with the medulla, pons, and cerebellum, showed no appearance worthy of note. The pia was everywhere more adherent to the brain substance than usual, especially marked on the convolutions on either side of the fissure of Rolando on the right side, in which region the adhesions were so marked and extreme that considerable portions of the brain substance were removed with the pia; the same appearance to a less degree was observed in the corresponding region on the left side. The peridural fat of the cord was very slight in amount; the dura not remarkable; in the subdural space was a moderate collection of clear fluid; vessels of the pia contained but little blood; the cord in general showed no appearances in gross that were worthy of special notice.

The condition of the other organs was as follows: chronic circumscribed pericarditis, pigmentation of the heart, chronic adhesive pleurisy, broncho-pneumonia from inhalation, putrid bronchitis, atrophy of the spleen, moderate interstitial nephritis with cyst formation; slight pyelitis, hypertrophy of bladder, brown atrophy of liver, biliary calculi and chronic endaortitis.

Microscopic examination of the brain, fresh. Ganglion cells of cortex contained considerable granular pigment; the adventitial lymph sheaths considerably dilated, and filled with granular pigment, also free pigment; the vessels contained a moderate amount of blood.

After hardening. The inner surface of the dura was covered with a series of layers, varying in structure; dura itself, in the innermost portions, showed an increased development of blood vessels; next, a layer made up of connective-tissue fibres, with numerous spindle cells and a smaller number of round cells, also a small amount of granular pigment; the next layer contained scarcely any connective-tissue fibres, but was made up of large, well-marked spindle cells, lying parallel to one another; among these cells were a large amount of yellow granular pigment and some degenerated red blood corpuscles; next, a layer of still younger connective tissue, there being numerous round and fewer spindle cells, with a nearly translucent intercellular substance; here and there in this layer were large collections of red blood corpuscles [hæmorrhage]; lastly, a layer, made up of delicate, thin-walled, large-lumened blood vessels, filled with blood corpuscles, lying in a delicate connective-tissue stroma (various stages of chronic internal pachymeningitis). Considerable increase in the connective-tissue fibres of the pia, with a moderate degree of infiltration with round cells. The outer two-thirds of the first layer of the cortex showed the finely fibrous appearance previously described; the lines [neuroglia fibres] being fine, the mesh formed by them rather coarse; a moderate number of round and oval nuclei; the spider cells everywhere many, in places numerous. In many places, the large pyramidal ganglion cells of the third layer had entirely disappeared, there being patches which showed the finely fibrous mesh of new-formed neuroglia, with extensive infiltration with round cells; in those portions of the third layer where the cells [ganglion] were preserved, they showed a marked degree of pigmentation. The adventitial sheaths of the vessel were extensively infiltrated with round cells, and contained, in addition, considerable pigment; where a medium or large-sized vessel had been cut transversely, the infiltration of the wall with round cells and the increase in the neuroglia fibres already mentioned were very apparent for a distance from the vessel of four or five times its diameter; the vessels contained a medium amount of blood. The changes above described were to be seen in the cortex of various portions of the brain. The white matter showed extensive round cell infiltration of the adventitial lymph sheath; otherwise, it was not unusual. Cord, upper cervical: the right anterior columns showed an extension inward from the pia of the finely fibrous, new-formed neuroglia, which took a deep stain; in these areas there was an almost complete disappearance of the nerve fibres. In the left posterior horn of one of the sections of the cervical enlargement was an oblong patch, made up wholly of round cells, closely packed together; the vessels in the gray cornua throughout the cervical enlargement showed extensive round-cell infiltration; the pia showed a slight degree of the same form of infiltration. Dorsal cord: marked thickening of pia, due to round-cell infiltration; ganglion cells throughout showed pigmentation, but no alteration in form or size; the processes were well preserved. Beginning with the upper cervical, and extending to the lowest lumbar region, was a progressively increasing thickness of the pia, due to round-cell infiltration.

CASE VII.—General Paralysis. Two and a half years' duration. Death after a series of convulsions extending over a period of three days. Male, aged thirty-nine.

Diagnosis: Chronic diffuse leptomeningitis; moderate œdema of pia; injection of vessels of brain; hæmorrhages of cerebellum; circumscribed meningo-encephalitis; chronic ependymitis; leptomeningitis of cord with formation of lime plates.

Autopsy twenty-two hours after death. Body of medium size. Ratio of head and body and cranium to face normal; antero-posterior diameter, 179 mm.; transverse, 147 mm. Nothing unusual observed about the pericranium; sutures open. Calvaria varied in thickness from seven to ten mm.; ratio of diploë to tables normal; inner surface not unusual; readily separable. Dura everywhere translucent; sinuses contained a moderate amount of partly coagulated blood. Pia thickened and opaque in patches; meshes contained a moderate amount of clear fluid; vessels distended with blood. Brain nearly filled the cavity of the skull; weight, 1,603 grms.; a moderate amount of clear fluid escaped from the cavity of the skull, on its removal. Vessels of the base and fissure of Sylvius contained a considerable quantity of blood; walls thin and delicate. Each lateral ventricle contained about 10 cc. of clear fluid; ependyma somewhat granular and warty throughout; ependyma of third and fourth ventricles showed similar appearances, more marked in the latter; velum and choroid plexuses of a dark purple color.

Brain substance in general very firm and dry; cortex of about the usual thickness; white matter very dry; puncta cruenta numerous and marked. The ganglia at the base showed on section a pale purplish tint, and on close inspection red points and streaks; pons and medulla not remarkable. In the right half of the cerebellum there were extravasations of blood into the outer layer of the cortex, covering the small areas. Over the anterior and posterior central convolutions of the right half, the pia was adherent, tearing away brain substance on its removal; in corresponding portion of the left side, the pia was slightly more adherent than usual; in other situations easily removed. Moderate collection of clear fluid in the subdural space in the cord; vessels of the pia contained a large amount of blood; on section, the cord showed numerous red points and streaks.

There was chronic adhesive pleurisy on the left side; and acute broncho-pneumonia of the right lung, involving part of the upper and lower and the whole of the middle lobes. Other organs not remarkable.

The brain was not examined fresh, in this case, but was put at once into Müller's fluid.

Examination after hardening. Cortex: the first layer was converted throughout into a meshwork of finely fibrous lines; in this mesh were oval and round nuclei, also spider-cells; the latter, though well marked, were small; ganglion cells of the third layer were well preserved, but deeply pigmented. The vessels throughout the cortex contained rather more blood than usual, except as below. There was marked round-cell infiltration of the adventitial sheaths; cross section of some of the larger vessels showing almost complete obliteration of the lumen, the adventitial space being widely distended with leucocytes [periarteritis, but no distinct miliary aneurisms were discovered]. Cerebellum: the meshes of the pia contained, in patches, free red blood corpuscles; these corpuscles were also to be seen extending along the sheaths of the vessels into the granular and nuclear layers. There were also circumscribed, nearly globular hæmorrhages in the granular layer, but for the most part connecting with the pia by narrow rows of blood corpuscles. No miliary aneurisms were discovered.

Cord, cervical region: round-cell infiltration of the pia to a moderate degree, with a slight increase in the number of connective-tissue fibres. The posterior half of the left column of Goll took a deep red stain (carmine), showing abundant neuroglia fibres, nuclei and a few spider cells; the nerve-fibres in this region had almost completely disappeared; ganglion cells of the gray matter pigmented, of good size and form; vessels showed round-cell infiltration of the walls; in many places, the adventitia was widely separated from the media and filled with round cells. Other portions of the cervical enlargement showed more widely spread interstitial changes in the left column of Goll, but nowhere as far advanced as in the portion previously described. Other portions of the cervical enlargement showed interstitial changes in both posterior halves along the posterior fissure; the pia here, three or four times as thick as usual, intimately adherent to the columns on either side, the interstitial changes extending into the columns. In the meshes of the pia projected into the anterior median fissure was considerable nearly homogeneous material, evidently fluid when fresh; marked round-cell infiltration of the pia in this part. In some portions were collections of round cells in oval or circular spaces, with little or no definite wall [suggesting lymphatics]. Dorsal cord showed nothing unusual. Lumbar cord: the posterior, inner part of both columns of Goll showed appearances similar to those described in connection with the cervical region.

Case VIII.—General Paralysis. Duration, about a year and three months. Male, aged forty-three. Death after a series of convulsions.

Diagnosis: Moderate degree of chronic ependymitis; meningo-encephalitis.

Autopsy thirty-five and a half hours after death. Body above medium size, well developed, and well nourished. Ratio of head to body and of cranium to face normal; antero-posterior diameter, 179 mm.; transverse, 148 mm. Calvaria of usual thickness, readily separable from dura. Dura translucent; neither its external nor internal surfaces presented anything worthy of special note; sinuses contained a moderate amount of partially coagulated blood. No fluid in meshes of pia, which was thin and delicate; vessels contained a moderate amount of blood. Brain filled cavity of skull, and weighed 1,600 grms.; no escape of fluid from cavity of skull during removal of brain. Vessels of brain and fissure of Sylvius contained very little blood; walls thin and delicate, lumina free. Lateral ventricles contained no appreciable amount of fluid; ependyma smooth and shining; choroid plexuses pale; ependyma slightly warty in floor of fourth ventricle, just anterior to calamus scriptorius.

Brain substance in general quite soft; cortex usual thickness in most parts, usual color; in some a slight purplish tint, showing on careful examination numerous specks and streaks of dark red color; white matter showed dry cut surface; puncta cruenta of usual size. Basal ganglia showed on section both corpora striata quite pale, both nuclei centiformes of a purplish tint, but showed on more careful examination numerous purplish streaks and points; pons and medulla showed no appearance worthy of note. Pia throughout slightly adherent; in some places tearing away brain substance on its removal, in others leaving only a granular surface. Neither cord nor its membranes showed anything remarkable.

Examination of other organs showed chronic adhesive pleurisy, recent fibrinous pleurisy, acute broncho-pneumonia, gangrene of lung, putrid bronchitis, fatty infiltration of liver.

Microscopic examination, after hardening. The outer half of the first layer of the cortex showed the finely fibrous neuroglia meshwork described in connection with the earlier cases, with numerous spider cells. The ganglion cells of the third layer were small, irregular in outline, markedly pigmented. Of especial interest in the microscopic examination of this brain was the presence throughout the white matter of what were, apparently, very numerous spider cells; they were large, with clear contents, most having a nucleus the size of a leucocyte, situated laterally; the processes were numerous and well marked. Sections were treated with various staining fluids, especially carmine and hæmatoxylin, also double staining with carmine and hæmatoxylin, all showing same appearances. The appearance was a very striking one, that as of large spider cells scattered at regular intervals through the white matter. The writer never saw this appearance before in the white matter, and does not remember to have seen any mention of it in the literature. Whether these were actual neuroglia cells or whether they represent dilated lymphatics must remain *sub judice.* Except for these spider cells, the white matter showed nothing unusual [beyond, also, the vessel changes to be presently described]. The vessels of the cortex and of the white matter were fairly well injected; the adventitia extensively infiltrated with round cells, and here and there with pigment.

The examination of the various regions of the cord failed to show any appearances varying from the normal; the dorsal and lumbar regions were not very well hardened, and the sections were not perfect, the pia with portions of cord separating in many places; the examination of such detached bits of pia and cord showed, however, nothing unusual.

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1886.

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Vice-President.

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Acting Resident Physician.

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Physician to Out-Patients with Diseases of the Nervous System.

James J. Putnam, M.D.

Physicians to Out-Patients with Diseases of the Throat.

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Microscopist and Curator of the Pathological Cabinet.

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Medical House Pupils, 1885–86.

Charles W. Townsend. Charles Schram.

Surgical House Pupils, 1885–86.

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J. K. Phillips. A. Coolidge, Jr.

Matron.

Miss G. L. Sturtevant.

Superintendent of Nurses.

Miss Anna C. Maxwell.

Apothecary.

William A. Cameron.

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Edward Cowles, M.D.

1*st Assistant Physician.*

George T. Tuttle, M.D.

2*d Assistant Physician.*

James W. Babcock.

Medical House Pupils.

H. M. Locke. H. Lilienthal.

Purveyor.

John P. Bradbury.

Superintendent of Nurses.

Miss L. E. Woodward.

Clerk.

Miss F. E. Gilbert.

Supervisors.

E. W. Boardman. Miss M. E. Gordon.

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F. W. Willis.

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February and August.

Messrs. Bemis and Proctor.

March and September.

Messrs. Wolcott and Kimball.

April and October.

Messrs. Endicott and Lothrop.

May and November.

Messrs. Dwight and Bowditch.

June and December.

Messrs. Eliot and Thayer.

LADIES' VISITING COMMITTEE.

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Miss E. Goodwin.

March and April.

Miss T. Dodge.
Mrs. R. Russell.
Miss M. Silsbee.
Miss I. G. Beal.

May.

Mrs. T. C. Gray.
Mrs. T. E. Proctor.

June and October.

Mrs. Eliot.

July, August, and September.

Miss A. Rotch.

November and December.

Mrs. H. W. Haynes.
Miss A. W. Morrill.

STANDING COMMITTEES.

On admitting Asylum Patients.

Messrs. Warren and Dwight.

On Finance.

Messrs. Endicott and Kimball.

On Accounts and Expenditures.

Messrs. Wolcott, Thayer, and Lothrop.

On Buildings and Repairs.

Messrs. Dwight, Warren, and Eliot.

On Free Beds.

Messrs. Bowditch and Proctor.

On the General Library and Warren Fund.

Messrs. Eliot and Hale.

On the Book of Donations.

Dr. Bemis.

Committee on Nominations.

Messrs. Eliot, Bowditch, Wolcott, and Lothrop.

Committee on New Asylum and Grounds.

Messrs. Dwight, Eliot, Warren, Endicott, and Bowditch.

SEVENTY-THIRD ANNUAL REPORT

OF THE

TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

AND

McLEAN ASYLUM,

1886

Printed at the Expense of the Bowditch History Fund.

BOSTON:
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET.
1887

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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1886.

36
1850

THE Committee of the Trustees appointed to prepare the annual report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other officials have been referred, respectfully submit the

SEVENTY-THIRD ANNUAL REPORT.

At the Hospital, two noteworthy changes in the staff of Visiting Physicians and Surgeons have taken place during the year. Dr. Henry J. Bigelow resigned after a distinguished and brilliant service of forty years as Visiting Surgeon; and Dr. George C. Shattuck, who had given thirty-six years of faithful and devoted work to the Hospital as Visiting Physician, declined a re-election. Dr. Frederick C. Shattuck, heretofore a Physician to Out-patients, was elected a Visiting Physician; and Drs. Arthur T. Cabot and Maurice H. Richardson were chosen Visiting Surgeons to fill the vacancies created by the resignations of Drs. Hodges and Bigelow.

Upon the resignation of Dr. Bigelow, the following minute was unanimously adopted: —

> In 1846, the year of the enlargement of the Hospital and of the consequent increase in the number of the staff, Dr. Henry J. Bigelow, who had already rendered valuable Service, was elected to the Board of Visiting Surgeons.

During these forty years, the science of surgery and the methods of its application have made great and notable advances. The Trustees remember with great satisfaction, with pride for the Hospital, that it has been largely the scene of the various and brilliant contributions which Dr. Bigelow has made to this progress.

They offer him thanks for having, on former occasions, withdrawn his proffered resignation at their request; they assure him of their gratitude for his long, eminent, and skilful Service; and they request him to sit for his portrait or bust, to be placed, if agreeable to him, in the Operating Theatre of the Hospital.

On Dr. Shattuck's declining a re-election, it was

Voted, That the Secretary inform Dr. Shattuck that the Trustees unite in expressing their cordial recognition of his services to the Hospital during the past thirty-six years.

The immediate administration of the Hospital has been under the charge of Dr. John W. Pratt, as Acting Resident Physician. Dr. Pratt had previously assisted Dr. Whittemore, and also taken charge of the Hospital during Dr. Whittemore's illness and absence.

The whole number of patients received at the Hospital in the course of the year has been 2,580, 1,442 men, 948 women, and 190 children, of whom 21 were under two years old. For the year 1885 it was 2,327, 1,351 men, 794 women, and 182 children, 33 of whom were under the age of two.

The average number of patients in the Hospital has been this year 173, of whom, on the average, 152 had free beds. Last year, the average number of patients was 167, with an average of 150 free beds.

Twice in the course of the year there have been 208 patients inmates of the Hospital, the largest number ever known.

Children are always welcomed as patients at the Hospital. Their presence in a ward not only does good to older patients fortunate enough to be in the same room with them, but it is believed that better results to the children are attained by having older patients among them.

The number of new patients treated in the Outpatient Department this year was 17,925.

The second sanitary tower has been completed; and changes rendered possible by the completion of the first sanitary tower have already been made in the east wards, by which twelve additional beds have been gained. Similar changes will be made this year in the wards served by the new tower, with an increase from all the changes, when finished, of twenty-two new beds in the spaces gained by the erection of the two towers. These additional beds make necessary more nurses, for whom increased accommodation should be provided if the Hospital funds permit.

At the Convalescent Home there have been in the course of the year 308 patients.

The Medical Staff of the McLean Asylum has been the same as last year.

The report of the Superintendent gives the statistics as to the numbers and classification of the patients, and the results of the treatment. It also contains an instructive account of the continued successful working of the Training School of Nurses for the Insane, established by him at this Asylum.

Nothing but the very large expenditure required, and the want of funds to meet it, delays the Trustees from at once proceeding with new Asylum buildings on the land so long ago bought by them for this purpose at Belmont. The exigency for this change is most serious and pressing, and the disadvantages and unfitness of the present situation of the Asylum are daily increasing.

Shortly after the death of Dr. Whittemore, a fund was raised by a subscription among his friends, and presented, subject to certain annuities, to the Hospital as a permanent memorial of him, to be called "The Dr. James H. Whittemore Fund."

The sums thus given amount to	$33,700.00

There have also been received during the year: —

Bequest of Hannah C. Leland, income for free beds, . . .	15,000.00
Gift of S. R. Urbino (subject to annuities), ...	5,000.00
Bequest of Mrs. Esther R. Beebe, income for free beds, . .	2,000.00
Part of bequest of Mrs. Ella F. Roehl, income for free beds,	3,000.00
Part of bequest of M. P. Sawyer, income for free beds, . .	6,768.88
"Hospital Sunday" contributions, ...	15.83
Gift of George A. Gardner, the income for the use of the Convalescent Home, ...	5,000.00
Gift of Miss Mary Russell, for Convalescent Home Fund, .	20.00
Total, ...	$70,403.71

Of which, $65,383 are for the benefit of the Hospital, and $5,020 for that of the Convalescent Home.

The accounts of the Treasurer for 1885, together with the assets of the Corporation, have been examined and found correct.

From the report of the Treasurer, which is appended hereto, it will be seen that the ordinary expenses of the Hospital, Asylum, and Convalescent Home, taken together, exceed the entire income of the Corporation by the sum of $11,730.21. This amount, with the sum of $12,679.93 for permanent improvements at Belmont, and $17,342.41 for the construction of the second sanitary tower at the Hospital, make an aggregate of $41,759.55. This sum, representing the excess of the ordinary and extraordinary expenses of the Hospital over its income, has been drawn from the permanent general invested funds of the Hospital.

The excess of the ordinary expenses over the income is substantially due to the number of free beds at the Hospital. That this deficit should cease to exist without curtailing the number of our free beds and diminishing our charity, we must make large additions to the subscribers to our free beds.

The subscription to the Free Bed Fund in 1885 amounted to only $9,450. Last year, probably as a result of the slight suggestion in our annual report, the subscriptions for free beds amounted to $10,182. Certainly, no charity presents a stronger appeal than this. The good it does and the relief it gives are sure. And in view of the present needs of the Hospital in this respect, apparent from the figures given above, the Trustees ask its many and never-failing friends to supply these pressing wants. The amounts required for subscription to free beds are, for one year, $100; for one life, with right upon nomination to extend it to two lives, $5,000; for railroad corporations, for use of one bed for twenty-five years, $10,000; for one year, $500: all subject to the Rules of the Hospital.

THORNTON K. LOTHROP,
DAVID P. KIMBALL, } *Committee.*

REPORT OF THE TREASURER

OF THE

MASSACHUSETTS GENERAL HOSPITAL.

To the Board of Trustees:

Gentlemen,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1886, is respectfully submitted, to be laid before the Corporation at its annual meeting.

Dr. FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

To Balance Cash on hand Dec. 31, 1885,	$19,766.05	By Cash paid Insurance,	$605.06
“ Railroad Bonds paid,	5,200.00	“ “ “ Annuitants,	2,175.17
“ Union League Club Bonds paid,	2,000.00	“ “ “ Annual Report, 1885,	354.33
“ Donations and legacies,	70,524.71	“ “ “ Improvements at Belmont,	12,679.93
“ One-third profits Mass. Hospital Life Ins. Co.,	20,000.00	“ “ “ Expenses of Hospital,	112,477.29
“ Income from investments,	102,964.50	“ “ “ Expenses of Asylum,	144,374.33
“ Board of paying patients at Asylum,	138,568.91	“ “ “ Expenses of Convalescent Home,	9,963.69
“ Board of paying patients at Hospital,	15,490.58	“ “ “ Account of H. Wilson,	517.95
“ Board of paying patients at Convalescent Home,	944.00	“ “ “ Sanitary Towers at Hospital,	17,342.41
“ Amount received of John Wilson, as per contract,	2,500.00	“ “ “ Investments,	80,416.67
“ Subscribers for Free Beds ($4,900 received for this purpose in 1885),	5,912.00	“ “ “ Library,	531.15
“ Subscribers for Free Beds for 1887 in advance,	5,600.00	“ “ “ Wooden legs,	337.00
“ Edward Cowles, Superintendent, balance in account,	1,144.19	“ “ “ Premiums,	5,834.09
“ John W. Pratt, Acting Resident Physician, balance in account,	1,198.96	“ “ “ Old difference in Hospital accounts,	.09
“ Boston & Albany Railroad Co. Stock dividend,	500.00	“ Balance Cash on hand Dec. 31, 1886,	8,704.74
“ City of Boston Bonds paid,	4,000.00		
	$396,313.90		$396,313.90

The expense of carrying on the business of the Corporation for the year 1886 has been $266,815.31, namely: —

On account of Hospital Department, . . .	$112,477.29	
" " " McLean Asylum, ...	144,374.33	
" " " Convalescent Home, ...	9,963.69	
		$266,815.31

This expense has been met from: —

Amount charged to patients, ...	$155,003.49	
Income from various funds applicable, . . .	89,269.61	
Subscriptions for Free Beds for 1886, . . .	10,812.00	
Deficit drawn from the General Fund, . . .	11,730.21	
		$266,815 31

The receipts at the McLean Asylum exceeded the expenses $4,004.08, which amount has been credited to the General Fund; while the expenses at the Hospital have exceeded the receipts by $14,636.85, and at the Convalescent Home by $1,097.44, which amounts have been charged to the General Fund, making the net balance drawn from the General Fund $11,730.21, as above.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1886: —

Expenses at the Hospital (see Table 4), . .	$112,477.29	
Receipts.		
Income from Redman Fund (see Table 7), .		$26,260.04
" " Free Bed Funds (see Table 7), .		34,640.33
" " Funds, income unrestricted (see Table 7), ...		2,308.00
" " General Fund (see Table 7), .	7,537	8,329.49
" " Free Bed Subscriptions (see Table 8), ...		10,812.00
Amount charged to patients, ...		15,490.58
Deficit from General Fund, ...		14,636.85
		$112,477.29

TABLE No. 2.

McLEAN ASYLUM.

Expenses and receipts for the year 1886 : —

Expenses at the Asylum (see Table 5), . . .	$144,374.33	
Receipts.		
Income from Fund for Beneficiaries, ...		$4,328.00
" " " " Female Beneficiaries, .		4,904.50
" " Amusement Fund, ...		577.00
Amount charged to patients, ...		138,568.91
		$148,378.41
Balance of Receipts over Expenses credited to the General Fund, ...		4,004.08

TABLE No. 3.

CONVALESCENT HOME.

Expenses and receipts for the year 1886 : —

Expenses at Convalescent Home (see Table 6),	$9,963.69	
Receipts.		
Income from Convalescent Home Fund, . .		$7,922.25
Amount charged to patients, ...		944.00
Deficit from General Fund, ...		1,097.44
		$9,963.69

TABLE No. 4.

Expenses of the Hospital Department : —

For Stores, ...	$38,216.54
Gas and Oil, ...	3,117.98
Water and Ice, ...	2,855.65
Wages, ...	28,750.73
Medicine, ...	3,005.87
Furniture, ...	6,629 21
Surgical Instruments, ...	2,393.93
Stationery, ...	854.50
Wines and Liquors, ...	2,306.70
Salaries, ...	3,597.00
One-half General Expenses, ...	947.85
Fuel, ...	7,897.71
Contingencies, ...	1,405.76
Repairs, ...	10,497.86
	$112,477.29

These expenditures have been for account of: —

2,124 Free Patients for 7,904 weeks, ...	$99,054.20	
456 Paying Patients for 1,092 weeks, . . .	13,423.09	
		$112,477.29
The average number of patients was, in 1885,	167	
The average number of patients has been, in 1886, ...	173	
The average cost per week was, in 1885, 8,684 weeks, ...	$12.00	
The average cost per week has been, in 1886, 8,996 weeks, ...	12.50	
The total expenses were, in 1885, ...	104,140.46	
The total expenses have been, in 1886, . . .	112,477.29	
The amount paid for account of free patients,		$99,054.20

The amount received for them has been: —

From Income of Free Bed Funds, . . .	$34,640.33	
From 88 Subscribers for this object (see Table 8), ...	10,812.00	
		45,452.33
		$53,601.87

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

For Stores,	$41,841.68	
Laundry,	8,914.55	
Fuel,	7,385 14	
Stationery,	562 25	
Medicines and Liquors,	2,837.20	
Contingencies,	1,872.49	
Furniture,	8,952.79	
Repairs,	13,443.45	
Diversions,	1,368.22	
Belmont Improvements,	3,756.17	
Water and Ice,	2,346.96	
Lights,	2,693.02	
Wages,	30,860.78	
Salaries,	8,210.00	
One-half General Expenses, $947.86; carriages, $192.25,	1,140.11	
Library,	500 00	
Stables,	4,373.76	
Garden,	2,915.00	
Lynn Cottage,	1,956.51	
		$145,930.08
Less Cr. Clothing, $267.16; Farm, $1,288.59,		1,555.75
		$144,374.33

These expenditures have been for account of: —

Patients paying cost and more,		$34,450.88
Patients paying less than cost,		109,923.45
The average number of patients in 1885,	171	
The average number of patients in 1886,	169	
The average cost per week in 1885,	$15.72	
The average cost per week in 1886,	15.94	
The total expenses in 1885,		140,278.86
The total expenses in 1886,		144,374.33
The amount expended at the Asylum for patients who have paid less than cost has been,		$109,923.45
The amount received has been: —		
From patients, 6,717 weeks' board at less than cost,	$62,977.71	
Income of Funds for Beneficiaries,	4,328.00	
Income of Funds for Female Beneficiaries,	4 904.50	
Income of Amusement Fund,	577.00	
		72,787.21
		$37,136.24

The deficiency has been drawn in part from patients paying more than cost, and the remainder from funds applicable to the purpose.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

For Stores,	$3,498.73
Gas and Oil,	34.32
Furniture,	313.98
Wages,	2,330.31
Fuel,	712.26
Ice,	99.89
Repairs,	734.10
Contingencies,	1,227.07
Labor and work on grounds,	912.16
Surgical Instruments,	25.10
Medicines,	50.37
Wines and Liquors,	25.40
	$9.963.69

Whole number of patients admitted during the year, males,	136	
Whole number of patients admitted during the year, females,	159	
		295
Whole number discharged during the year,		289
Remaining, Jan. 1, 1887, males,	11	
Remaining, Jan. 1, 1887, females,	8	
		19

TABLE No. 7.

INCOME FROM INVESTMENTS.

From Annuities Receivable,	$6,400.00
City Bonds,	418.89
United States Bonds,	400.00
Mass. Hospital Life Ins. Co. Stock,	7,000.00
Railroad Bonds,	34,793.59
Manufacturing Stocks,	2,944.00
Bank Stocks,	3,895.08
Real Estate, Productive,	25,333.20
Notes Receivable,	18,868.03
Union League Club Bonds,	300.00
Interest,	501.71
Railroad Stocks,	2,110.00
	$102,964.50

Which has been distributed as follows: —

To G. H. Gay Fund,		$316.42
Redman Fund,		26,260.04
Warren Prize Fund,		173.10
Bowditch History Fund,		115.40
Wooden Leg Fund,		288.50
Redman Annuities,		936.00
Clara Barton Annuity,		187.00
Surgical Instrument Fund,		77.90
Amusement Fund,		577.00
Free Bed Funds, for use,	$34,640.33	35,340.33
Free Bed Funds, for Joy Annuitants,	700.00	
Beneficiaries at Asylum Funds,		4,328.00
Warren Library Fund,		57.70
Treadwell Library Fund,		288.50
One-half Lincoln Fund,— Female Beneficiaries,		4,904.50
Funds with Income Unrestricted,		2,308.00
General Fund,		8,329.49
Convalescent Home Fund,		7,922.25
Asylum Building Fund,		9,654.37
Whittemore Fund,		750.00
Urbino Fund,		150.00
		$102,964.50

The Income for 1884 was,	$97,711.45
The Income for 1885 was,	97,911.71
The Income for 1886 has been,	102,964.50

TABLE No. 8.

SUBSCRIBERS FOR FREE BEDS FOR 1886.

William Amory,	$100
C. W. Amory,	100
Oliver Ames & Sons' Corporation,	100
American Bell Telephone Co.,	112
Boston & Maine R.R. Co.,	1,000
Boston & Lowell R.R. Co.,	300
Boston & Providence R.R. Co.,	100
Boston Gas Light Co.,	100
Sidney Bartlett,	100
J. P. Bradlee,	100
Mrs. E. B. Bowditch,	200
J. L. Bremer,	100
Miss Brewer,	100
Martin Brimmer,	100
Carried forward,	$2,612
Brought forward,	$2,612
P. C. Brooks, Jr.,	100
Shepherd Brooks,	100
Mrs. H. H. A. Beach,	100
Mrs. Laura M. Case,	100
T. Jefferson Coolidge,	100
J. T. Coolidge, Jr.,	100
Mrs. J. G. Cushing,	100
Charles P. Curtis,	100
Greely S. Curtis,	100
J. Randolph Coolidge,	100
Cambridge R.R. Co.,	100
Mrs. C. H. Dalton,	100
F. Gordon Dexter,	100
George Dexter,	300
Stephen G. Deblois,	100
Samuel Eliot,	100
Carried forward,	$4,412

Brought forward,	$4,412
William Endicott, Jr.,	100
Henry H. Fay,	100
Sarah S. Fay,	200
Joseph S. Fay,	100
Joseph S. Fay, Jr.,	100
Fitchburg R.R. Co.,	200
John Foster,	100
George A. Gardner,	100
Mrs. George Gardner,	100
John L. Gardner,	200
Joseph B. Glover,	100
Mrs. Ozias Goodwin,	100
Miss Eliza Goodwin,	100
R. C. Greenleaf,	100
W. O. Grover,	100
George Higginson,	100
F. L. Higginson,	100
Miss Eunice Hooper,	100
George D. Howe,	100
Hoosac Tunnel Dock & Elevator Co.,	100
E. W. Hooper,	100
Samuel Johnson,	100
Mrs. Charlotte A. Johnson,	100
Henry P. Kidder,	200
Amory A. Lawrence,	100
Mrs. Anna C. Lodge,	100
Theodore Lyman,	100
W. Powell Mason,	100
Miss Ida M. Mason,	100
Charles Merriam,	100
Carried forward,	$7,812

Brought forward,	$7,812
Mrs. Caroline Merriam,	100
C. J. Morrill,	100
Misses M. C. and H. K. Mixter,	100
Nonantum Worsted Co.,	100
Old Colony R.R. Co.,	100
Pacific Mills Relief Society,	100
F. H. Peabody,	100
W. D. Pickman,	100
F. W. Palfrey,	100
A. L. Rotch,	100
H. B. Rogers,	100
Henry Saltonstall,	100
F. R. Sears,	100
Mrs. G. H. Shaw,	100
Henry S. Shaw,	100
Nathaniel Thayer,	200
E. V. R. Thayer,	100
J. E. Thayer,	100
Bayard Thayer,	100
George W. Wales,	100
Charles E. Ware,	100
R. C. Winthrop, Jr.,	100
Otis E. Weld,	100
Henry Woods,	100
Miss Anne Wigglesworth,	200
J. Huntington Wolcott,	100
Mrs. H. F. Wolcott,	100
Mrs. Thomas Lindall Winthrop,	100
	$10,812

Total Free Bed Subscriptions (82) in 1885,	$9,450
Total Free Bed Subscriptions (88) in 1886,	10,812

TABLE No. 9.— LIBRARY FUNDS..

TREADWELL LIBRARY FUND.

Balance, Dec. 31, 1885: —		
Principal,		$5,000.00
Income,	$218.00	
1886, amount of income received,	288.50	
	$506.50	
Amount of income expended,	531.15	
Overdraft,	$24.65	
Balance, Dec. 31, 1886: —		
Principal,		5,000.00
Income Debit Balance,	$24.65	

WARREN LIBRARY FUND.

Balance, Dec. 31, 1885 : —		
Principal, ...		$1,000.00
Income, ...	$522.92	
Amount of Income received, ...	57.70	
	$580.62	
Balance, Dec. 31, 1886 : —		
Principal, ...		1,000.00
Income, ...	$580.62	

TABLE No. 10.

WOODEN LEG FUND.

Balance, Dec. 31, 1885 : —		
Principal, ...		$5,000.00
Income, ...		678.69
Amount of income received, ...	$288.50	$5,678.69
Amount received from K. M. Crockett in part for wooden leg for Albert Day, ...	38.00	
	$326.50	
Amount expended, ...	375.00	
	$48.50	48.50
		$5,630.19
Balance, Dec. 31, 1886 : —		
Principal, ...	$5,000.00	
Income, ...	630.19	

TABLE No. 11.

THE BOWDITCH HISTORY FUND.

Balance, Dec. 31, 1885 : —		
Principal, ...		$2,000.00
Income, ...		1,306.20
		$3,306.20
Amount of Income received, ...	$115.40	
Amount of Income expended, ...	354.33	238.93
		$3,067.27
Balance, Dec. 31, 1886 : —		
Principal, ...	$2,000.00	
Income, ...	1,067.27	
	$3,067.27	

TABLE No. 12.

GENERAL FUND.

Balance, Dec. 31, 1885, ...	$1,135,373.92	
Add one-third profits of Mass. Hospital Life Ins. Co., ...	20,000.00	
Add amount received from J. Wilson, . .	2,500.00	
Add Boston & Albany Railroad Co. Stock dividend, ...	500.00	
Add amount received from Hospital Sunday,	15.83	
		$1,158,389.75
Less balance of Insurance Account, . . .	$605 06	
Less balance of premiums for Stocks and Bonds, ...	5.834.09	
Less amount paid account of H. Wilson, .	517 95	
Less amount paid account of J. Wilson, .	59.17	
Less old difference in Hospital accounts, .	.09	
Less balance of expenses over Income, . .	11.730.21	
Balance, Dec. 31, 1886, ...	1,139.643.18	
		1,158,389.75

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds:—

The Joy Fund, being a bequest from Miss Nabby Joy, ...	$20,000.00
Belknap Fund, being a bequest from Jeremiah Belknap, ...	10,000.00
Wm. Phillips Fund, being a bequest from Wm. Phillips, ...	5.000.00
Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street, ...	19,600.00
Bromfield Fund, being half of a bequest from John Bromfield, ...	20,000.00
Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, ...	11,486.50
Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, ...	5,000.00
Wilder Fund, being a bequest from Charles W. Wilder, ...	12,000.00
Sever Fund, being a bequest from Miss Martha Sever, ...	500.00
Amount carried forward, ...	$103,586.50

Amount brought forward, ...	$103,586.50
Thompson Fund, being a bequest from S. B. Thompson, ...	500.00
Tucker Fund, being a bequest from Miss Margaret Tucker, ...	3,312.37
Davis Fund, being a bequest from Mrs. Eleanor Davis, ...	900.00
Loring Fund, being a bequest from Abigail Loring, ...	5,000.00
Nichols Fund, being a bequest from B. R. Nichols, ...	6,000.00
Gray Fund, being a donation from John C. Gray, ...	1,000.00
Dowse Fund, being a bequest from Thomas Dowse, ...	5,000.00
Todd Fund, being a bequest from Henry Todd, ...	5,000.00
J. Phillips Fund, being a bequest from Jonathan Phillips, ...	10,000.00
Greene Fund, being a bequest from Benj. D. Greene, ...	5,000.00
Percival Fund, being a bequest from John Percival, ...	950.00
Pickens Fund, being a bequest from John Pickens, ...	1,676.75
Treadwell Fund, being part of a bequest from J. G. Treadwell, ...	38,703.91
Raymond Fund, being a bequest from E. A. Raymond, ...	2,820.00
Harris Fund, being part of a bequest from Charles Harris, ...	1,000.00
Mason Fund, being a bequest from Wm. P. Mason, ...	9,400.00
Sawyer Fund, being part of a bequest from M. P. Sawyer, ...	7,000.00
J. L. Gardner Fund, being a donation from J. L. Gardner, ...	20,000.00
B. T. Reed Fund, being a donation from Benj. T. Reed, ...	1,000.00
Wm. Reed Fund, being a bequest from Wm. Reed, ...	5,233.92
McGregor Fund, being half of a donation and bequest from James McGregor, .	7,500.00
Miss Rice Fund, being a bequest from Miss Arabella Rice, ...	5,000.00
Templeton Fund, being half of a bequest from John Templeton, ...	5,000.00
Amount carried forward, ...	$250,583.45

Amount brought forward, ...	$250,583.45
Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers, ...	1,177.50
Beebe Fund, being a bequest from J. M. Beebe, ...	50,000.00
Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, ...	85,000.00
Blanchard Fund, being a bequest from Mrs. M. B. Blanchard, ...	4,000.00
George Gardner Fund, being a donation from George Gardner, ...	1,000.00
Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway, ...	20,000.00
Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup, ...	1,000.00
Tufts Fund, being a bequest from Quincy Tufts, ...	10,000.00
Read Fund, being half of a bequest from Jas. Read, ...	1,000.00
Parker Fund, being a bequest from Jno. Parker, Jr., ...	10,000.00
Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw, .	5,500.00
Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers, ...	1,000.00
Dwight Fund, being a donation from Mrs. T. Bradford Dwight, ...	1,000.00
Hunnewell Fund, being a donation from H. H. Hunnewell, ...	10,000.00
R. M. Mason Fund, being a bequest from R. M. Mason, ...	5,000.00
Hannah Lowell Cabot Fund, being a donation from Dr. Samuel Cabot, ...	1,000.00
Welles Fund, being a donation from Miss Jane Welles, ...	5,000.00
Black Fund, being a bequest from Miss Marianna Black, ...	2,000.00
Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge, ...	14,000.00
Paraclete Holmes Fund, being a donation from W. S. Adams, ...	2,000.00
Estabrooks Fund, being a bequest from J. W. Estabrooks, ...	1,000.00
The Thayer Fund, being a bequest from Nathaniel Thayer, ...	30,000.00
Amount carried forward, ...	$511,260.95

Amount brought forward, ...	$511,260.95	
Sawyer Fund, being part of a bequest from M. P. Sawyer, ...	53,124.71	
Ann E. Gray Fund, being a bequest from Miss Ann E. Gray, ...	5,000.00	
John Bertram Fund, being a donation from Mrs. Clara Bertram Kimball, .	5,000.00	
Hannah C. Leland Fund, being a bequest from Mrs. Hannah C. Leland, . . .	15,000.00	
Esther E. Beebe Fund, being a bequest from Mrs. Esther E. Beebe, . . .	2,000.00	
Ella F. Roehl Fund, being part of a bequest from Ella F. Roehl, . . .	3,000.00	
Two subscriptions from Friends, $100 each, ...	200.00	$594,585.66

Income devoted to beneficiaries at Asylum:—

The Bromfield Fund, being half of a bequest from John Bromfield, ...	$20,000.00	
Read Fund, being half of a bequest from Jas. Read, ...	1,000.00	
Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton, . .	30,010.00	
McGregor Fund, being half of a donation and bequest from James McGregor, .	7,500.00	
Austin Fund, being part of a bequest from Mrs. Agnes Austin, ...	5,000.00	
Kittredge Fund, being a bequest from Rufus Kittredge, ...	5,500.00	
Templeton Fund, being half of a bequest from John Templeton, ...	5,000.00	
Proctor Fund, being a bequest from Mrs. Lydia P. Proctor, ...	1,000.00	
		75,010.00
		$669,595.66

Income devoted to Female Beneficiaries at Asylum:—

The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, ...		85,000.00

Income unrestricted:—

The Waldo Fund, being a bequest from Daniel Waldo, ...		40,000.00
Amount carried forward, ...		$794,595.66

Amount brought forward, ...	$794,595.66
Income devoted to any purpose except buildings: —	
The Redman Fund, being a bequest from John Redman, ...	455,113.34
Income devoted to a Triennial Prize: —	
The Warren Prize Fund, being a bequest from Dr. J. M. Warren, ...	3,000.00
Income devoted to the Library: —	
The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, . . .	5,000.00
Income devoted to Books for Patients: —	
The Warren Library Fund, being a donation from Dr. J. C. Warren, ...	1,000.00
Income and Principal devoted to the publication of a History of the Hospital: —	
The Bowditch History Fund, being a bequest from N. I. Bowditch, ...	2,000.00
Income devoted to Amusements at the Asylum: —	
The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies, ...	10,000.00
Income devoted to Special Surgical Instruments: —	
The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100, .	1,350.00
The Wooden Leg Fund: —	
Being a bequest from N. I. Bowditch, . . .	5,000.00
Amount carried forward, ...	$1,277,059.00

Amount brought forward, ...		$1,277,059.00
The Convalescent Home Fund, .	$132,280.66	
Donation from Mr. George A. Gardner, ...	5,000.00	
Donation from Miss Mary Russell, ...	20.00	
		137,300.66
Permanent Free Beds:—		
Miss Marian Hovey, ...	$1,000.00	
Mrs. Fanny H. Morse, ...	1,000.00	
Henry S. Hovey, ...	1,000.00	
Edward Woodman, ...	1,000.00	
Children of Mrs. Henry Windsor, ...	1,000.00	
D. R. Whitney, ...	1,000.00	
George Gardner, ...	1,000.00	
		7,000.00
Redman Annuities, ...		15,600.00
Clara Barton Annuity, ...		3,241.00
Asylum Building Fund, ...		176,974.47
G. H. Gay Fund, ...		5,800.33
Dr. J. H. Whittemore Memorial Fund, ...		33,720.00
S. R. Urbino Fund, ...		5,000.00
Add unused income at credit of		
Warren Prize Fund, ...	$753.02	
Warren Library Fund, ...	580.62	
Bowditch History Fund, ...	1,067.27	
Surgical Instrument Fund, ...	1,395.56	
Wooden Leg Fund, ...	630.19	
Clara Barton Annuity, ...	486.29	
Redman Annuities, ...	420.00	
		5,332.95
Total of Restricted Funds, ...		$1,667,028.41

TRIAL BALANCE, DECEMBER 31, 1886.

Dr.		*Cr.*		
Land and Buildings for Asylum,	$320,794.75	Redman Fund,	$455,113.34	
Land and Buildings for Hospital,	520,008.53	Warren Prize Fund,	3,000.00	$753.02
Land and Improvements at Belmont, 923756	82,954.28	Bowditch History Fund,	2,000.00	1,067.27
Annuities Receivable,	160,000.00	Wooden Leg Fund,	5,000.00	630.19
Insurance Stock,	50,000.00	Clara Barton Annuity,	3,241.00	486.29
Reversions (see "Suspense"),	10.00	Surgical Instrument Fund,	1,350.00	1,395.56
Delaware Mutual Insurance Company's Scrip,	520.00	Amusement Fund,	10,000.00	
Union League Club Bonds,	4,000.00	Free Beds Fund,	594,585.66	
Manufacturing Stocks,	43,400.00	Warren Library Fund,	1,000.00	580.62
Bank Stocks,	78,200.00	Beneficiaries at Asylum Fund,	75,010.00	
Railroad Stocks,	25,500.00	Treadwell Library Fund,	5,000.00	
Railroad Bonds,	590,200.00	Lincoln Fund,	85,000.00	
Notes Receivable,	418,100.00	Funds with Income Unrestricted,	40,000.00	
City and Town Bonds,	13,000.00	Permanent Free Beds Fund,	7,000.00	
United States 4% Bonds,	10,000.00	Suspense (see "Reversions"),	10.00	
Real Estate, Productive,	409,866.64	Notes Payable,	3,500.00	
Gay Building,	21,225.83	Asylum Building Fund,	176,974.47	
Edward Cowles, Superintendent,	30,967.80	General Fund,	1,139,643.18	
John W. Pratt, Acting Resident Physician,	1,604.85	G. H. Gay Fund,	5,800.33	
Sanitary Towers, Hospital,	26,749 52	Convalescent Fund,	137,300.66	
Treadwell Library Fund Income account,	24.65	Subscribers to Free Beds, 1887,	5,600.00	
Cash,	8,704.74	Redman Annuities,	15,600.00	420.00
		Joy Annuitants,	50.00	
		Dr. J. H. Whittemore Memorial Fund,	33,720.00	
		S. R. Urbino Fund,	5,000.00	
			$2,810,498.64	$5,332.95
			5,332.95	
	$2,815,831.59		$2,815,831.59	

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

Asylum: Land and Buildings occupied for Asylum,		$320,794.75
Superintendent's balance,		30,967.80
Hospital: Land and Buildings occupied for Hospital,	$520,008.53	
Gay Building,	21,225.83	
Sanitary Towers,	26,749.52	
Resident Physician's balance,	1,604.85	
		569,588.73
Convalescent Home: Land and Buildings at Belmont,	$82,954.28	
Memorandum of expectancies,	10 00	
		82,964.28
Treadwell Library, Dr. Balance of Income account,		24.65
		$1,004,340.21

INVESTMENTS PRODUCING INCOME.

Policies Mass. Hospital Life Ins. Co.,	$160,000.00
500 shares Mass. Hospital Life Ins. Co.,	50,000.00
$50,000 Eastern Railroad Co.'s Bonds,	50,000.00
$20,000 Kansas City & Cameron Railroad Bonds,	20,000.00
$5,000 Boston & Albany Railroad 7 per cent. Bonds,	5,000.00
$100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds,	100,000.00
$52,000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds,	52,000.00
$10,000 Chicago, Bur. & Quincy R.R. 4 per cent. Bonds,	10,000.00
$18,000 Chicago, Bur. & Northern R.R. 5 per cent. Bonds,	18,000.00
$4,000 Union League Club Bonds,	4,000.00
$100,000 Atch., Topeka & Santa Fé R.R. 7 per cent. Bonds,	100,000.00
$100,000 Atch., Top. & Santa Fé R.R. 4 1-2 per cent. Bonds,	100,000.00
$1,000 Atch., Topeka & Santa Fé R.R. 6 per cent. Bond,	1,000.00
$42,200 Bur. & Mo. River in Neb. R.R., Non-ex. 6 per cent. Bonds,	42,200.00
$10,000 Bur. & Mo. River in Neb. R.R., Exempt 6 per cent. Bonds,	10,000.00
$10,000 Atchison Land Grant 7 per cent. Bonds,	10,000.00
$10,000 Kansas City, Topeka & Western R.R. 7 per cent. Bonds,	10,000.00
$7,000 Cedar Rapids & Mo. River R.R. 7 per cent. Bonds,	7,000.00
$5,000 Bur., Cedar Rapids & Northern R.R. 5 per cent. Bonds,	5,000.00
$4,000 Ft. Scott, So. Eastern & Mem. R.R. 7 per cent. Bonds,	4,000.00
$20,000 Oregon Railway & Nav. Co. 7 per cent. Bonds,	20,000.00
$10,000 Fremont, Elkhorn & Mo. Valley 6 per cent. Bonds,	10,000.00
Amount carried forward,	$788,200.00

Amount brought forward,	$788,200.00
$16,000 Union Pacific Sinking Fund 8 per cent. Bonds,	16,000.00
$10,000 United States 4 per cent. Bonds,	10,000.00
$2,000 City of Providence 5 per cent. Bonds,	2,000.00
$6,000 City of Kansas 8 per cent. Bonds,	6,000.00
$3,000 City of Charlestown 6 per cent. Bonds,	3,000.00
$1,000 City of Lynn 6 per cent. Bond,	1,000.00
$1,000 City of Chelsea 6 per cent. Bond,	1,000.00
100 Shares Old Colony Railroad Co.,	10,000.00
155 " Boston & Albany Railroad Co.,	15,500.00
14 " Merrimack Manufacturing Co.,	14,000.00
1 " Appleton " "	1.000.00
9 " Amory " "	900.00
10 " Amoskeag " "	10,000.00
25 " Great Falls " "	2,500.00
5 " Boston " "	5,000.00
10 " Stark Mills " "	10,000.00
100 " National Union Bank,	10,000.00
100 " Suffolk National Bank,	10,000.00
70 " Tremont " "	7,000.00
50 " Old Boston " "	2.500.00
87 " State " "	8,700.00
100 " Columbian " "	10,000.00
100 " Merchants' " "	10,000.00
50 " New England National Bank,	5,000.00
40 " Massachusetts " "	10,000.00
50 " Eagle " "	5,000.00
Land and Store, 17 Blackstone Street,	19,600.00
" " " 168 Washington Street,	45,000.00
" " House, 61 Dartmouth Street,	10,000.00
Redman Estate, Washington Street,	106,000.00
Land and Houses on Warrenton Street,	17,700.00
" " Store, 496 Washington Street,	55,500 00
" " Houses on Chambers Street,	23,900.00
" " " " Cross Street,	12,691.64
" " House on Harrison Avenue,	9,975.00
" " " " Poplar Place,	2,500 00
Union Block, Union and Marshall Streets,	66,875.00
Robertson House, Hanover Street,	40,125.00
Notes secured by Mortgage,	153,100.00
$20,000 Notes Phila., Wilmington & Baltimore R.R. Co.,	20,000.00
Notes Receivable, Personal and Collateral Securities,	245,000.00
Delaware Mutual Ins. Co. Scrip,	520.00
Cash,	8,704.74
Investments producing income,	$1,811,491.38
Investments producing no income,	1,004,340.21
Total, foot of Trial Balance,	$2,815,831.59

F. HAVEN, Jr., *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-FIVE YEARS,—1862 TO 1886.

ORDINARY EXPENSES.

Year.	Cost of Paying Patients.	Cost of Free Patients.	Other Charities.	Total Expenses of		Average cost per week per patient.		Cost over Board.	
	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.
1862	$6,628.65	$35,072.01	$414.15	$42,114.81	$71,823.46	$6.04	$7.27	$36,260.92	$6,640.81
1863	6,151.27	40,575.14	695.30	47,421.71	69,300.63	6.66	6.98	41,109.46	2,170.56
1864	10,224,81	49,286.53	648.21	60,159.55	101,484.38	8.38	9.76	52,445.01	4,523.85
1865	23,119.62	34,131.83	717.35	57,968.80	120,885.84	9.86	12.49	43,121.53	9,507.86
1866	30,086.08	37,538.12	1,162 60	68,786.80	126,015.83	13.88	12.30	53,809.36	558.19
1867	26,086.67	33,758.02	1,164.53	61,009 22	133,844.14	11.28	13.84	44,291.54	....
1868	23,663.50	42,481.71	1,419.26	67,564.47	142,535.36	12.74	16.51	52,893.02	14,642.07
1869	20,128.86	40,736.44	1,373.30	62,238.60	138,132.02	10.14	14.21	48,811.90	....
1870	15,844.35	46,087.42	883.05	62,814.82	134,339.63	10.05	13.83	50,811.01	....
1871	15,266.51	47,126.12	1,133.74	63,526.37	146,191.23	9.96	15.80	52,447.68	9,996.88
1872	12,664.70	56,537.74	1,497.86	70,700.30	153,327.60	10.10	16.93	59,547.91	14,917.57
1873	16,681.66	69,109.97	2,135.29	87,926.92	165,023.79	10.29	19.23	72,435.94	26,404.27
1874	14,198.41	64,266.27	2,634.60	81,099.28	161,934.11	10.13	19.59	67,548.81	2,750.66
1875	10,677.72	71,447.23	1,761.59	83,886.54	165,660.47	9.72	21.07	71,989.93	11,872.47
1876	11,344.58	82,033.60	1,312.94	94,691.12	164,973.80	9.41	19.72	82,027.86	13,019.51
1877	10,833.10	72,678.63	279.16	83,790.89	143,148.94	9.47	15.66	72,957.79	....
1878	11,252.42	85,102.61	588.98	96,944.01	136,394.36	9.87	15.55	83,516.61	....
1879	11,564.44	77,216.88	514.25	89,295.57	117,250.02	10.54	14.30	73,440.58	....
1880	10,529.35	81,085.73	462.82	92,077.90	131,172.69	10.39	16.48	79,280.61	10,078.33
1881	13,462.12	88,241.17	450.51	102,153.80	134,561.14	11.87	16.92	88,268.68	20,719.30
1882	12,947.98	95,642.45	8,928.82*	117,519.25	138,518.26	12.43	17.02	95,684.95	18,172.21
1883	18,389.28	90,665.70	6,575.92*	115,630 90	139,711.39	12.63	16.16	91.213.57	5,376.89
1884	21,476.00	101,954.31	6,873.69*	130,304.00	139,201.67	14.75	16.00	107,974.18	2,612.02
1885	10,728.87	93,411.59	8,483.90*	112,624.36	140,278.86	11.99	15.72	87,464 96	
1886	13,423.09	99,054 20	10,831.84*	123,309.13	144,374 33	12.50	15.94	96,986.71	5,805.42
25 years, ...								$1,706,340.52	$179,768.87

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* Including Convalescent Home.

ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

MASSACHUSETTS GENERAL HOSPITAL

For the Year 1886.

Number of Patients in the Hospital January 1, 1887.

Paying,	17
Free,	159
Total,	176

Admitted from January 1, 1886, to January 1, 1887.

	Males.	*Females.*	*Total.*
Patients paying board,	249	143	392
Patients paying board part of the time,	48	16	64
Patients entirely free,	1,276	848	2,124
	1,573	1,007	2,580

	Medical.	*Surgical.*
Males (Boys), 131,	454	1,119
Females (Girls), 59,	476	531
	930	1,650

Of these, 7 paid $35; 1 paid $28; 70 paid $21; 1 paid $15; 145 paid $14; 1 paid $10.50; 2 paid $10; 1 paid $8; 213 paid $7; 12 paid $5; 1 paid $3.50; 2 paid $3.

Whole number of patients treated during the year: paying, 409; paying a part of the time, 64; free, 2,283; total, 2,756.

Discharged during the Year.

	Medical.	*Surgical.*	*Male.*	*Female.*	*Total.*
Well,	510	1,179	1,061	628	1,689
Much relieved,	120	40	89	71	160
Relieved,	97	154	147	104	251
Not relieved,	35	29	32	32	64
Not treated,	66	109	85	90	175
Dead,	92	100	143	49	192
Insane and eloped,	3	15	15	3	18
	923	1,626	1,572	977	2,549

Number of Patients remaining December 31, 1886.

Males,	95
Females,	81
Total,	176

Paying,	17
Free,	159
Total,	176

Medical,	70
Surgical,	106
Total,	176

Proportion of deaths to whole number of results, 7.53 per cent.

Number of patients received on account of accidents, 471.

The greatest number of paying patients at any one time was 30; in private rooms, 8; the greatest number of free patients, 178; the greatest total, 206. The least number of paying patients at any one time was 9; in private rooms, 1; the least free, 123; the least total, 133.

The proportion of ward beds occupied by free patients was 85 per cent.; by paying patients, 15 per cent.

About 17.9 of the paying patients occupied private rooms. The average number of patients was 173: males, 99; females, 74.

The average number of paying patients was 21: Americans, 15; foreigners, 6.

The average number in private rooms was 6.1.

The average number of free patients was 152: Americans, 75; foreigners, 77.

The average time of paying patients was 2.78 weeks; and that of free patients, 3.72.

Residences.

Boston,	906
Massachusetts (excepting Boston),	1,531
Maine,	28
New Hampshire and Vermont,	50
Rhode Island and Connecticut,	14
Other States,	22
British Provinces,	29
	2,580

Birthplaces.

Boston,	204
Massachusetts (excepting Boston),	678
Maine,	145
New Hampshire,	83
Vermont,	40
Rhode Island and Connecticut,	38
New York,	61
Southern and Western States,	64
Total Americans,	1,313
British Provinces,	304
Great Britain,	195
Ireland,	653
Germany,	27
Norway and Sweden,	41
France,	8
Switzerland,	2
Italy,	16
Other places,	21
Total foreigners,	1,267

Occupations.

Males.	*Paying.*	*Free.*	*Partial.*
Mechanics,	55	332	18
Laborers,	22	419	10
Farmers,	18	44	4
Minors,	9	129	2
Seamen,	4	32	
Clerks,	31	88	2
Teamsters,	4	47	3
Traders,	18	56	3
Servants,	2	45	2
Lawyers,	3		
Clergymen,		2	
Physicians,	13	3	
Merchants,	36	12	
Students,	18	15	
Other professions,	16	52	4
	249	1,276	48

Total males, 1,573. Of these, 55 were in private rooms.

Females.	*Paying.*	*Free.*	*Partial.*
Domestics,	12	286	2
Minors,	12	67	1
Wives,	78	285	8
Widows,	10	43	4
Seamstresses,	3	38	
Spinsters,	12	23	1
Operatives,	2	12	
Teachers,	2	5	
Clerks,	2	18	
Nurses,	1	32	
Other professions,	9	39	
	143	848	16

Total females, 1,007. Of these, 30 were in private rooms.

Thirteen per cent. of the free patients were female domestics; twenty per cent. were laborers; fifteen per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

Phthisis (Consumption),	9
Syphilis,	13
Chronic Ulcers,	8
Scrofula and Abscesses,	2
Carried forward,	32

Brought forward,	32
Insanity and Delirium Tremens,	1
Hip and Spine,	12
Debility and Senility,	1
Chronic Rheumatism,	11
Paralysis,	16
Epilepsy,	5
Cancer,	1
Uterine,	1
Injuries,	1
Of Skin,	7
Contagious,	4
Other diseases,	14
Total,	106

Males,	73
Females,	33
Americans,	70
Foreigners,	36
Residents of Boston,	40
Residents of Massachusetts,	52
Residents of other places,	14

Out-patients.

Number of new patients,	17,925
Men,	8,337
Women,	6,732
Children,	2,856
Americans,	9,215
Foreigners,	8,710
Residents of Boston,	9,890
Of other places,	8,035
Medical department for women,	3,971
Medical department for men and children,	3,900
Surgical department,	5,740
Ophthalmic department,	646
Department for diseases of the skin,	1,652
Department for diseases of the nervous system,	825
Department for diseases of the throat,	1,191

Total attendance, 47,035.
Average daily attendance, 150.

Of the surgical cases there were: —

Head and face,	309
Trunk,	283
Fractures of clavicle,	46
Shoulder and arm,	230
Carried forward,	868

Brought forward,	868
Forearm and wrist,	333
Elbow,	131
Hand,	905
Hip joint,	91
Thigh, leg, ankle, foot,	452
Knee,	250
Genito-urinary,	382
System rectum,	303
Syphilis,	145
New growths,	387
Bones and Periosteum,	110
Rheumatism and Neuralgia,	78
Abscesses and Inflamed Glands,	611
Ulcers,	197
Burns and Miscellaneous,	497
Total,	5,740

Number of applicants,	15,136
Number admitted,	13,979
Number refused,	441
Number sent to physician's office,	676
Number visited,	1,348
Number visited, correct statement,	769
Number visited, incorrect statement,	579

Convalescent Home:—

Admitted to the Home in 1883,	101
Admitted to the Home in 1884,	187
Admitted to the Home in 1885,	315

	Males.	*Females.*	*Total.*
Remaining Jan. 1, 1886,	6	7	13
Admitted during 1886,	136	159	295
Total,	142	166	308
Discharged,	131	158	289
Remaining Jan. 1, 1887,	11	8	19

The Young Men's Christian Union gave us seventy-five rides, taking out three hundred and forty-six patients.

Respectfully submitted,

JOHN W. PRATT,
Acting Resident Physician.

BOSTON, Jan. 1, 1887.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

Articles.	1878.			1879.			1880.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	7,729	$1,610.72	.2084	8,375	$1,716.87	.205	8,815	$1,692.99	.1941
“ for Soup, “	132	5.28	.04	....	....	....	....	....	....
“ Corned, “	4,378	324.72	.07415	123	288.61	.07	4,952	346.64	.07
“ Round, “	11,944	1,016.43	.0851	12,973	1,054.70	.0813	16,414	1,148.98	.07
“ Rump, “	4,158	635.34	.1528	....	....	....	....	....	....
“ Roasting, “	14,998	1,349.82	.09	14,141	1,341.98	.0949	16,439	1,643.90	.10
Mutton, . . “	15,808	1,903.28	.1204	12,592	1,385.12	.11	15,522	1,876.60	.1208
Poultry, . . “	14,079	2,276.57	.1617	14,488	2,433.98	.168	13,682	2,123.44	.1552
Butter, . . . “	10,156	2,500.40	.2462	10,526	2,589.39	.246	11,011	3,366.06	.3057
Eggs, . . doz.	5,495	967.12	.176	4,392	843.26	.192	4,214	866.39	.2056
Flour, . . bbls.	42	323.82	7.71	37	266.80	7.40	51	440.15	8.65
Bread, . . lbs.	35,800	1,790.00	.05	36,556	1,827.80	.05	40,536	2,026.80	.05
Ice, . . . tons.	238½	808.25	3.333	271¾	714.70	2.63	280¼	1,297.56	4.63
Sugar, . . lbs.	12,979	1,023.65	.0781	15,462	1,189.32	.769	21,005	2,003.87	.0954
Tea, . . . lbs.	738	254.61	.345	848	337.82	.398	1,134½	471.95	.416
Milk, . . . qts.	107,618	5,380.90	.05	96,186	4,934.34	.0513	89,904½	4,495.22½	.05
Potatoes, . bush.	973	964.61	.77	942	1,010.76	1.073	1,039½	902.58	.868

Articles.	1881.			1882.			1883.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	8,658	$1,792.20	.207	7,856	$1,931.95	.245	8,793	$1,975.38	.224
“ for Soup, “	....	....	....	....	....	....	....	....	....
“ Corned, “	5,183	367.99	.07	6,522	673.76	.103	6,925½	670.88	.095
“ Round, “	19,477	1,636.06	.084	19,705	1,976.68	.103	22,327	2,120.83	.095
“ Rump, “	....	....	....	....	....	....	....	....	....
“ Roasting, “	16,438	1,758.86	.107	16,221	2,159.07	.133	16,962	2,047.78	.120
Mutton, . . “	21,093	2,720.99	.129	16,365	2,216.01	.135	21,075	2,999.89	.142
Poultry, . . “	13,562	2,278.41	.168	12,082	2,348.41	.195	10,263	2,318.56	.225
Butter, . . . “	11,129	3,505.63	.315	16,843	3,770.97	.221	10,468	3,329.97	.317
Eggs, . . doz.	4,401	1,188.27	.26	5,234	1,470.59	.281	5,479	1,491.60	.272
Flour, . . bbls.	49	468.73	9.565	49	459.25	9.937	52	406.00	7.80
Bread, . . lbs.	4,892	1,744.60	.05	35,340	1,943.70	.055	34,971	1,923.42	.055
Ice, . . . tons.	305	887.55	2.91	352¾	737.72	2.209	380$\frac{1}{10}$	679.27	1.78
Sugar, . . lbs.	20,552	1,901.06	.09	22,192	2,021.57	.091	20,980	1,801.38	.086
Tea, . . . lbs.	555	244.22	.44	1,114	446.85	.401	1,074	432.60	.402
Milk, . . . qts.	92,350	4,617.50	.05	95,358	5,007.70	.052	106,032	5,637.78	.053
Potatoes, . bush.	981	1,101.66	1.125	1,005	1,374.72	1.368	1,062½	1,129.15	1.063

Articles.	1884.			1885.			1886.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, Sirloin, lbs.	8,845½	$2,183.64	.246	9,543	$2,160.12	.226	9,764	$2,206.32	.225
“ Corned, “	6,487	583.08	.09	6,345	561.45	.088	6,216	493.61	.08
“ Round, “	25,821	2,531.60	.098	25,140	2,220.83	.08	28,474	2,456.05	.088
“ Rump, “	....	....	....	....	....	....	....	....	....
“ Roasting, “	16,438	2,003.44	.121	17,220	1,936.58	.112	18,346	1,972.72	.10
Mutton, . . “	15,186½	2,102.29	.138	13,189	1,585.60	.12	11,721	1,536.20	.12
Poultry, . . “	12,798	2,523.79	.197	12,149	2,256.83	.185	13,704	2,286.25	.16
Butter, . . “	11,321	3,636.60	.32	11,447	3,368.27	.294	12,122	3,576.20	.294
Eggs, . . doz.	8,374	2,182.67	.26	9,4[illegible]3	2,328.48	.25	8,971	2,091 22	.25
Flour, . . bbls.	53	383.25	7.23	55	341.85	6.21	55	316.55	5.75
Bread, . . lbs.	36,245	1,992.48	.054	36,685	2,017.67	.055	35,688	1,962.83	.055
Ice, . . . tons.	40,755	773.20	1.89	433$\frac{65}{100}$	966.57	2.22	487.52	1,123.21	2.30
Sugar, . . lbs.	22,474	1,563.49	.069	21,245	1,288.65	.06	23,042	1,357.59	.055
Tea, . . . lbs.	1,080	435.85	.403	853	341.70	.40	1,205	482.00	.40
Milk, . . . qts.	111,068½	5,907.26	.053	110,332	5,943.84	.053	113,669	6,054 88	.052
Potatoes, . bush.	1,195	1,005.25	.917	1,158	1,001.25	.942	1,100	1,021 77	.928

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1885.

Year.	Total admitted.	Free.	Paying board all the time.	Paying part of the time.	Whole number treated.			Discharged well.	Percentage on "Total admitted."	Much relieved, or relieved in part.	Not relieved.	Not treated, unfit, dismissed, etc.	Deaths.	Percentage on "Total admitted."	Greatest number free at one time.	Greatest number paying at one time.	Greatest total.	Least total.	Average.	Accidents.	Percentage.	Average time of paying weeks.	Average time of free weeks.	Patients remaining under treatment Dec. 31.		Out-patients treated.
					Payi'g board.	Paying board part of time.	Free.																	Paying.	Free.	
21 to 1843	8727	3733	4482	512	....	....	....	3991	....	2902	913	105	624	......	...	....	123	54								
1843	365	183	167	15	....	....	....	136	37	115	55	17	41	11	....	...	56	33	47*	....	....	4	6			
1844	435	250	174	11	....	....	....	183	43	137	41	23	47	11	....	30	71	40	53	55	12*	3 6-7	7 1-7			
1845	453	265	176	12	....	...	....	205	45	130	37	28	54	12	44	34	72	37	56	62	14	5 4-7	6 6-7			
1846	459	250	182	27	....	....	....	211	46	137	30	33	36	8	44	28	72	37	55	59	13	3 1-2	4 3-4			
1847	674	354	279	41	....	....	....	340	50	145	54	30	57	8	82	41	123	54	81	74	11	3 1-2	4 1-2	....	....	328
1848	804	460	283	61	....	....	....	400	50	219	52	39	103	13	86	38	124	94	108	103	12*	3 1-7	5	....	....	378
1849	870	543	273	54	....	....	....	436	50	218	75	58	84	9	89	38	127	90	112	97	11	2 4-7	5 5-7	....	....	272
1850	746	427	242	77	....	....	....	363	48	200	56	49	76	10	103	33	136	83	108	98	13	2 6-7	6	....	....	294
1851	839	477	298	64	....	....	....	387	46	235	47	63	98	11	93	48	141	77	112	123	15	3	6	....	....	237
1852	826	472	271	83	....	....	...	410	50	234	52	47	82	10	105	41	133	104	119	132	16	3 1-4	5	....	....	248
1853	925	505	335	85	....	....	....	431	46	287	70	66	82	9	108	39	142	108	120	159	17	3 1-6	7	....	....	358
1854	922	490	321	111	....	....	....	423	46	257	73	41	115	12	112	45	145	125	133	212	23	4	10	....	....	477
1855	915	416	352	147	....	....	....	456	50	238	59	51	102	11	107	59	152	114	134	157	17 3-10	3 3-7	11 4-7	....	....	645
1856	976	545	335	96	....	....	....	478	49	230	77	71	117	12	114	48	153	120	140	189	19	3	5	....	....	887
1857	920	549	280	91	....	....	....	510	55	195	57	66	130	14	119	40	157	103	128	163	17 7-10	2 2-3	5	....	....	1574
1858	1015	718	251	46	....	....	....	514	50	229	65	50	127	13	120	31	144	91	123	186	18*	4	7*	....	....	2223
1859	1240	934	257	49	287	49	1040	653	53	280	54	94	141	11	145	37	165	92	131	212	17	4	4 2-3	14	140	3523
1860	1240	997	201	42	215	42	1137	698	56	305	73	58	121	9¾	149	33	175	80	128	233	18 7-10	4	6	15	121	4433
1861	1416	1131	253	32	268	32	1252	831	59	318	79	57	99	7	135	37	162	120	140	297	21	4	5 3-4	16	124	4676
1862	1611	1175	425	11	441	11	1299	843	52	431	77	154	101	6¼	133	45	166	102	134	271	16 3-4	2 1-10	4 1-10	25	120	4800
1863	1648	1348	283	17	308	17	1468	856	52	459	96	70	162	9¾	135	29	158	116	137	292	17 7-10	3 4-10	4	24	126	4987
1864	1199	1262	326	11	350	11	1388	916	57	390	84	61	130	8	139	33	157	110	138	242	15 2-10	3.18	4.37	25	123	5619
1865	1199	564	567	68	592	68	687	702	59	295	68	74	104	8⅓	137	72	164	88	113	140	11 7-10	3.67	4.85	45	59	5356
1866	1120	497	578	45	693	45	556	677	60	82	50	74	96	8½	62	58	109	78	95	132	11 7-10	3.40	5.10	45	50	5608
1867	1206	626	556	24	601	24	676	676	56	282	62	141	94	7.8	77	62	126	72	104	113	9.36	3.37	4.26	39	69	4553
1868	1265	771	463	31	302	31	840	757	60	258	64	82	85	7	97	56	132	69	102	98	7.74	3.00	3.50	31	96	5264
1869	1390	834	532	24	563	24	930	771	55½	352	78	84	107	7.7	98	55	139	90	118	93	6.69	3.40	4.30	25	100	6953
1870	1302	858	414	30	439	30	958	780	60	303	65	68	85	6.45	106	45	137	98	120	140	....	3.37	4.82	24	86	8767
1871	1427	970	432	25	456	25	1056	821	57½	322	58	73	109	7.64	126	43	154	91	122	178	....	3.12	3.92	28	126	9792
1872	1547	1163	368	16	396	16	1289	958	62	313	76	84	120	7.75	133	42	160	97	135	259	....	3.15	4.35	30	120	11878
1873	1550	1075	411	64	441	64	1195	880	57	321	66	86	186	12	156	44	187	129	156	291	....	3.28	6.09	35	126	13517
1874	1639	1125	394	120	429	120	1251	946	57½	396	81	102	127	7.69	146	41	183	111	149	234	....	2.73	5.64	28	120	15612
1875	1841	1445	308	88	336	88	1565	1032	56	380	78	120	189	10.27	176	31	199	132	166	285	....	2.82	5.18	26	164	16993
1876	1906	1532	282	92	308	92	1696	1019	53½	502	91	144	150	7.86	182	36	210	163	185	245	....	3.22	5.73	19	171	17292
1877	1657	1270	339	48	358	42	1441	930	50	409	92	130	130	7.68	178	33	194	135	164	147	....	2.84	5.54	11	145	18004
1878	1794	1433	323	38	334	38	1578	956	50	505	59	138	134	7.46	170	34	187	132	165	200	....	2.80	5.27	17	141	18744
1879	1813	1436	335	42	352	42	1577	1040	57	422	84	125	143	7.94	165	30	188	131	163	222	....	2.84	5.16	17	140	18960
1880	2123	1724	354	45	371	45	1864	1186	54	545	74	150	151	7.16	165	35	188	156	170	351	....	2.58	4.53	17	157	20566
1881	2106	1678	402	26	419	26	1835	1324	62	429	70	103	189	8.96	168	39	195	139	166	391	....	2.79	4.41	15	140	18443
1882	2147	1736	399	12	414	12	1876	1312	61	463	59	13	177	8.13	167	35	195	143	168	348	....	2.84	4.41	24	141	16304
1883	2020	1492	449	79	473	79	1633	1286	63	378	61	108	181	8.93	168	49	189	143	168	432	....	2.75	4.80	32	128	7102*
1884	2096	1667	382	47	448	47	1815	1318	62	367	68	137	191	9.11	159	40	186	129	165	397	....	3	4.14	19	148	14824
1885	2327	1910	371	46	382	46	2044	1584	68	361	73	129	192	8.25	166	26	184	147	167	443	....	2.38	4.08	11	134	17016
1886	2580	2124	392	64	409	64	2283	1689	65	411	64	175	192	7.44	178	30	206	133	173	471	....	2.78	3.72	17	159	
	67680							27315		16387	3817	3766	5761													309507

*Out-patient Department open only five months.

MASSACHUSETTS GENERAL HOSPITAL.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A.M. and 2 and 3 P.M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A.M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and wait for a reply before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

JOHN W. PRATT,
Acting Resident Physician.

April 5, 1887.

THE AMBULANCE

OF THE

MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JOHN W. PRATT,
Acting Resident Physician,
Mass. Gen. Hospital, Blossom St.

SIXTY-NINTH ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE,

TO THE

TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1886.

To the Trustees of the Massachusetts General Hospital:

Gentlemen, — The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1886, is respectfully presented: —

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, Jan. 1, 1886, . . .	77	93	170
Admissions within the year, ...	49	44	93
Whole number of *cases* within the year, . .	126	137	263
Discharged within the year, ...	52	44	96
Namely,— as Recovered, ...	20	16	36
Much improved, ...	10	9	19
Improved, ...	5	8	13
Unimproved, ...	6	8	14
Deaths, ...	11	3	14
Patients remaining Dec. 31, 1886, supported as private patients, ...	74	93	167
Number of different *persons* within the year,	123	134	257
" " " " admitted, . .	46	43	89
" " " " recovered, . .	19	16	35
Daily average number of patients, ...	75.32	93.93	169.25

During the year, three men were twice admitted,—one case of dipsomania, one of acute mania, and one of general paralysis. One woman, a case of chronic melancholia, was twice admitted. Two women, present at the beginning of the year, were discharged and readmitted. Thus there were two hundred and sixty-three cases treated, representing two hundred and fifty-seven persons.

Of the eighty-nine persons admitted during the year, fifty-seven were regarded as recent cases, and thirty-two as chronic, or incurable.

Fifty-nine persons, twenty-eight men and thirty-one women, had never been in any hospital. Of the remaining thirty persons, thirteen, nine men and four women, were admitted for the second time; eight persons, four men and four women, for the third time; two women for the fourth time; five persons, four men and one woman, for the fifth time; one woman for the eighteenth time; and one man for the twenty-second time.

Thirty-one cases — representing twenty-nine persons, eleven men and eighteen women — were admitted as voluntary patients upon their own written applications. Of these, eighteen were cases of melancholia, eight of mania, two of mysophobia, one of hebephrenia, one of dipsomania, and one of general paralysis. Of these twenty-nine persons, five were committed after entering the Asylum as voluntary cases; and two were twice admitted as voluntary cases. The thirty-one voluntary cases admitted during the year furnished eight recoveries; and twenty-two such cases remaining from previous years furnished three other recoveries during this year, making a total of eleven recoveries out of fifty-three cases,—the total number of this class under treatment during the year. Thus, the voluntary class has yielded a percentage of 30.56 on the admissions of 1886. Of this class admitted during the year, six other cases were discharged improved or much improved, and one not improved. Of these thirty-one cases admitted in 1886 there were remaining, at the end of the year, twelve persons, three men and nine women; and thirteen persons, six men and seven women, also remained from the admissions of previous years, so that the total remaining under the voluntary relation is twenty-five persons, nine men and sixteen women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29,—a total of 157 persons in six years.

The whole number of persons admitted during the past six years is as follows: namely, 1880, 51; 1881, 63; 1882, 82; 1883, 107; 1884, 109; 1885, 95; 1886, 93.

In 1886 there were two less admissions, four less discharges, and seven less cases under treatment than during the year 1885; and the number present was three less at the end than at the beginning of the year.

Of the ninety-two persons discharged, including deaths, twelve were transferred to other hospitals,—four men and five women to those in this State, and one woman to the State of Rhode Island, one woman to Maine, and one man to Indiana.

Of the thirty-five persons discharged recovered, twenty-three had never before been inmates of any hospital; and, of the remaining twelve persons, eight had been in this Asylum. These eight persons had previously made thirty-five recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 7.06 months, and the average duration of their residence in the Asylum was 5.26 months.

During the past seven years, the first admissions were as follows: 1880, 30; 1881, 46; 1882, 62; 1883, 75; 1884, 75; 1885, 67; 1886, 59. The recoveries were: 1880, 12; 1881, 14; 1882, 26; 1883, 37; 1884, 34; 1885, 37; 1886, 36.

The percentage of recoveries on all admissions, for the year 1886, was 38.7. There was one less recovery than in the previous year. There were fourteen deaths, three less than last year.

The work of the year, as to the numbers admitted, discharged, and recovered, and the daily average under treatment, differed by only one or two persons from that of last year. With one less recovery, the percentage of recoveries on admissions was increased .2. The number of voluntary cases admitted was one-third of all the admissions. The percentage of recoveries furnished by this class of patients was 8 less than its due proportion, showing that no advantage in this regard is derived from this class.

The average number of patients under treatment for six years, and the average cost per week for each patient, are shown by the following figures: —

	1881.	1882.	1883.	1884.	1885.	1886.
Daily average number of patients, . . .	149	155	164	166	171	169
Average cost per week,	$16.92	$17.02	$16.16	$16.00	$15.72	$15.94

This includes all extraordinary expenditures for repairs and alterations and improvements.

There is so little difference in the general results of the last two years that further comment is hardly necessary, beyond noting the fact that the Asylum is doing about the maximum amount of work, with its wards fully occupied. Its general condition and the hope, as well as need, of having new buildings at Belmont in the near future, are, in many ways, limitations to progress here.

The chief event of unusual interest during the year was the graduation of a large class from the Training School for Nurses. Its establishment has been so long an accomplished fact and its good results are so evident as to prove it to be founded upon a sound basis. Its first class of sixteen nurses graduated during the year,—six of them on the 1st of March, and the others from time to time, as their terms expired. Two of the first six had been in the service nearly eight years, and three others entered it before the founding of the School in 1882. Only such nurses were employed after 1884 as were willing to be trained; and the present senior class numbers eight, and the junior class fourteen.

It is expected that during the first years of the School most of the graduates will wish to leave the Asylum to try private nursing. There is already ample proof that they will do this successfully. There is reason to believe that the demand for such service will continue indefinitely. It is hoped that it will; for it is desirable to establish a system of clearance of the product of the School, to make room for new pupils and keep up the work. The larger gain, than is even now experienced, in permanency and quality of the service in the Asylum will be attained later. It is confidently expected that a good corps of trained and experienced nurses will, in due time, be formed of those who prefer to remain in Asylum work, and that it will eventually be possible to maintain such a corps by the annual selection of graduates. This is the history of the general hospital schools after a few years, and there are like indications here. The multiplication of such schools would have, in time, much larger results than the primary one of improving the service of the asylums. Not only would it make the home treatment of the insane more practicable, but it would tend to the diffusion among the public of a better understanding of insanity, and of its causes, means of prevention, and early recognition. That it would take a long time to gain an appreciable result of this kind is no reason for not beginning the work, with such an end in view.

At the end of the year, nine of the graduates remained in the service. Of the others, some were already engaged in private nursing, and two had entered the Boston Training School at the Massachusetts General Hospital. An arrangement had been made early in the year by which the graduates of either School are allowed to enter the other for one year of advanced training. Thus, in three years, a nurse may gain certificates of graduation from both Schools.

The system of training men, for a long time in operation in practical ways, has been extended. Classes have been formed, lectures are regularly given, alternating with recitations from text-books. Applicants are now entering upon a two years' course of systematic study. A further statement of the general plan of the School, the requirements of applicants, etc., is given in the appendix. The rates of compensation are also stated: they are graded according to the length of service. Those of the women have been reduced from the former rates, while they are pupils, and increased for the graduates who remain: thus there is no increase in the aggregate cost of the service. The rates for the men remain unchanged.

The advantage is daily felt of having a sense of security in the permanent establishment of the School and its most satisfactory work. This is due to the fact of its having a carefully prepared foundation, providing at the first teachers for the special duties of giving class instruction and training in the details of ward work, leaving to the medical officers the easier and more congenial work of lecturing. The importance and even necessity of a good foundation, of which much was said in my report last year, justifies its being emphasized here.

Inquiries have been made regarding the organization of the nursing service, that suggest the propriety of an explanation of some of its arrangements. The proportion of nurses is necessarily quite large in an institution of this kind, in which the patients are of the private class. The majority are supposed to be supported by their friends, although about two-thirds are cared for at less than the average cost; and little distinction can be made in the wards, on this account. The common feeling is that no one should be required to do any work for the benefit of the institution. This is not the place to discuss the question of the value of occupation for the insane, or the propriety of not compelling them to engage in the few available occupations, for which they are incapacitated by illness or to which they are unaccustomed. The facts being as they are, it puts upon the nurses all the ward work, much of which is advantageously done by patients in the State hospitals. The service here, though liberal before, has been increased within a few years for two reasons: for giving additional care to patients at night, and for allowing the more constant companionship of nurses with patients by day. The first change was made by directly increasing the night attendance, which now requires fifteen nurses,—seven men and eight women,—including the two night supervisors. This facilitates classification more readily upon the basis of agreeableness of association, and not of need of watching, so there are suicidal cases in nearly all the wards. It also permits the leaving open of the doors of rooms by night, and the giving of constant personal care to unhappy and unfortunate people whose only comfort it can be, and who have nothing more within the reach of their desires or their hopes. The gain in regard to companionship was made by the employment of ward-maids,—seven in all,—who have the care of dining-rooms, halls, stairways, etc. This leaves the nurses free for more legitimate duty, although they do all the housework of the rooms occupied by patients,—parlors, etc.,—besides the extra personal attentions required under the circumstances. This explains the need and usefulness of under-help, and its place in connection with the training-school system. In any case, there would need to be two grades of nurses,—the trained, who have charge of wards, and the assistants, who are pupils, and must be in much the larger proportion, in order that there may be enough of those who will remain in the service to keep the upper places filled. In the State hospitals, the nurses have the help of patients, and here of ward-maids; so that there is not so much advantage here as might seem, in time for study and the other requirements of the School.

The new arrangements for the more comfortable accommodation of nurses have been completed by making over the large dormitory under the dome of the female wing into rooms, with adjoining bath-room. Fourteen nurses are thus provided for; and with the Hurd Building, containing nurses' rooms and dining-room, now occupied for the first year, the condition of the Asylum in this regard is very satisfactory.

The seaside cottage at Lynn again gave good results from its use during the four months of warm weather. Ten ladies spent an aggregate of ninety-three and three-sevenths weeks there, while occasional visits were made by others during the season.

Clinical lectures to medical students were given during the months at the beginning of the year. The pathological report, by Dr. Gannett, will be found in the appendix containing the results of the continuation of the work in that department.

Special thanks are due to Miss Bemis, of Medford, for organizing a series of entertainments last winter, which gave much pleasure to our patients; and a continued interest in their welfare has been shown by the friends of the Asylum, who have the gratitude of all who are engaged in its care of the sick and suffering.

Very respectfully,

EDWARD COWLES, M.D.,
Superintendent.

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

Months.	Admissions.			Discharges (including Deaths).			Daily Average of Patients in the House.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
January, . .	5	3	8	1	4	5	76.48	94.49	170.97
February, .	1	1	2	3	. .	3	80.03	93.97	174.00
March, . .	4	3	7	3	1	4	76.42	91.19	167.61
April, . . .	9	5	14	4	2	6	77.50	95.00	172.50
May, . . .	5	4	9	3	3	6	79.55	95.35	174.90
June, . . .	5	5	10	4	3	7	77.63	96.57	174.20
July, . . .	3	4	7	8	4	12	73.87	95.97	169.84
August, . .	2	6	8	4	7	11	76.84	93.67	170.51
September, .	4	1	5	7	4	11	71.47	95.46	166.93
October, . .	4	5	9	1	3	4	71.35	90.74	162.09
November, .	3	5	8	7	5	12	71.43	93.43	164.86
December, .	4	2	6	7	8	15	71.26	91.35	162.61
Total *cases*, .	49	44	93	52	44	96	75.32	93.93	169.25
Total *persons*,	46	43	89	50	42	92	. .	. .	. .

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

Number of the Admission.	Cases admitted.			Times previously recovered.		
	Males.	Females.	Total.	Males.	Females.	Total.
First, ...	28	31	59	. .	7	7
Second, ...	10	4	14	3	1	4
Third, ...	4	4	8	6	4	10
Fourth, ...	1	2	3	3	3	6
Fifth, ...	4	1	5	4	. .	4
Seventeenth, . . .	. .	1	1	. .	2	2
Eighteenth, . . .	. .	1	1	. .	2	2
Twenty-first, . . .	1	. .	1	20	. .	20
Twenty-second, . .	1	. .	1	21	. .	21
Total of *cases*, . .	49	44	93	57	19	76
Total of *persons*, .	46	43	89	. .	. .	. .

These 76 recoveries represent 20 persons, 9 having recovered one, 8 two, 2 three, 1 four, 1 twenty-one, and 1 twenty-two times. The seventeenth and eighteenth admissions represent one person, as also do the twenty-first and twenty-second.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

Ages.	At first attack of Insanity.			When admitted.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 15 to 20 yrs.,	3	3	6	3	2	5
" 20 " 25 "	2	1	3	1	1	2
" 25 " 30 "	. .	8	8	. .	4	4
" 30 " 35 "	6	6	12	5	7	12
" 35 " 40 "	5	5	10	7	8	15
" 40 " 50 "	3	3	6	3	4	7
" 50 " 60 "	4	5	9	3	4	7
" 60 " 70 "	3	. .	3	3	1	4
" 70 " 80 "	1	. .	1	2	. .	2
" 80 " 90 "	1	. .	1	1	. .	1
Total of *persons*,	28	31	59	28	31	59

TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

Places of Nativity.	Males.		Females.		Total.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine, ...	2	2	3	4	5	6
New Hampshire. . .	6	5	3	5	9	10
Vermont, ...	. .	. .	5	5	5	5
Massachusetts. . .	27	27	25	21	52	48
Rhode Island, . .	1	1	1	1	2	2
Connecticut, . . .	1	1	1	. .	2	1
New York, . . .	1	2	. .	2	1	4
New Jersey, . . .	1	1	. .	. .	1	1
Pennsylvania, . .	1	1	2	2	3	3
Maryland, ...	. .	. .	. .	1	. .	1
England, ...	3	2	. .	. .	3	2
Canada, ...	1	1	. .	. .	1	1
Ireland, ...	2	2	. .	. .	2	2
New Brunswick. .	. .	. .	1	1	1	1
Nova Scotia, . . .	1	1	1	1	2	2
P. E. Island, . . .	. .	1	. .	. .	. .	1
Scotland, ...	1	1	. .	. .	1	1
Norway, ...	1	1	. .	. .	1	1
Germany, ...	. .	. .	2	1	2	1
Total of *persons*, .	49	49	44	44	93	93

TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

Places.	Males.	Females.	Total.
Massachusetts: —			
Suffolk County,	14	8	22
Middlesex County,	23	16	39
Essex County,	4	4	8
Norfolk County,	1	2	3
Plymouth County,	. .	1	1
Bristol County,	. .	2	2
Barnstable County,	1	. .	1
Worcester County,	1	. .	1
Maine,	. .	2	2
New Hampshire,	. .	1	1
Vermont,	. .	1	1
Rhode Island,	1	1	2
Connecticut,	1	. .	1
Pennsylvania,	. .	1	1
Georgia,	1	. .	1
Ohio,	. .	1	1
Illinois,	. .	2	2
Nebraska,	1	. .	1
California,	1	. .	1
Canada,	. .	1	1
New Brunswick,	. .	1	1
Total of *cases*,	49	44	93
Total of *persons*,	46	43	89

TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

Number of the Admission.	Unmarried.			Married.			Widowed.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First,	11	11	22	16	20	36	1	. .	1
Second,	2	. .	2	6	3	9	2	1	3
Third,	3	1	4	1	1	2	. .	2	2
Fourth,	1	2	3	. .	. .	. .	. .	. .	. .
Fifth,	. .	. .	. .	4	1	5	. .	. .	. .
Seventeenth,	. .	. .	. .	. .	. .	. .	. .	1	1
Eighteenth,	. .	. .	. .	. .	. .	. .	. .	1	1
Twenty-first,	1	. .	1	. .	. .	. .	. .	. .	. .
Twenty-second,	1	. .	1	. .	. .	. .	. .	. .	. .
Total *cases*,	19	14	33	27	25	52	3	5	8
Total *persons*,	17	14	31	26	25	51	3	4	7

TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

Occupations.	Males.	Females.	Total.
Housewife,	. .	24	24
Clerk,	5	1	6
Manufacturer,	2	. .	2
Merchant,	9	. .	9
Farmer,	1	. .	1
Student,	3	1	4
Teacher,	. .	6	6
Lawyer,	2	. .	2
Clergyman,	1	. .	1
Civil Engineer,	1	. .	1
Commercial Traveller,	3	. .	3
Naval Officer,	1	. .	1
Contractor,	1	. .	1
Expressman,	1	. .	1
Carpenter,	2	. .	2
Seaman,	1	. .	1
Printer,	1	. .	1
Saloon-keeper,	1	. .	1
Dressmaker,	. .	1	1
Servant,	. .	1	1
No occupation,	11	9	20
Total of *persons*,	46	43	89

TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

Previous Duration.	First Admission to any Hospital.			All other Admissions.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	. .	. .	. .	. .	. .	. .	. .	. .	. .
Under 1 mo.,	10	10	20	11	4	15	21	14	35
Fr. 1 to 3 mo.,	5	8	13	4	2	6	9	10	19
" 3 " 6 "	2	3	5	. .	. .	. .	2	3	5
" 6 " 12 "	3	1	4	. .	1	1	3	2	5
" 1 " 2 yrs.,	1	2	3	1	2	3	2	4	6
" 2 " 5 "	5	7	12	1	3	4	6	10	16
" 5 " 10 "	1	. .	1	4	1	5	5	1	6
"10 " 20 "	1	. .	1	. .	. .	. .	1	. .	1
Total *cases*,	28	31	59	21	13	34	49	44	93
Total *persons*,	. .	. .	. .	18	12	30	46	43	89
Average of known persons (in years),	1.18	.80	.99	.96	1.58	1.27			

TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

Form of Disease.	Males.	Females.	Total.
Mania, acute,	17	13	30
Mania, chronic,	1	4	5
Mania, hysterical,	. .	1	1
Hebephrenia,	3	1	4
Mysophobia,	. .	2	2
Dipsomania,	2	. .	2
Alcoholism,	2	. .	2
Melancholia, acute,	11	16	27
Melancholia, chronic,	. .	6	6
Dementia, chronic,	. .	1	1
Dementia, senile,	3	. .	3
General Paralysis,	8	. .	8
Circular Insanity,	1	. .	1
Cerebral Syphilis,	1	. .	1
Total of *cases*,	49	44	93
Total of *persons*,	46	43	89

TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

Causes.	Males.	Females.	Total.
Mental.			
Grief,	2	5	7
Anxiety,	6	7	13
Physical.			
Ill-health,	3	3	6
Injury to the head,	1	. .	1
Overwork,	4	7	11
Constitutional,	6	1	7
Change of life,	. .	3	3
Childbirth,	. .	3	3
Miscarriage,	. .	1	1
Intemperance,	5	1	6
Syphilis,	1	. .	1
Sunstroke,	2	. .	2
Old age,	2	. .	2
Masturbation,	1	. .	1
Epilepsy,	1	. .	1
Acute disease,	1	1	2
Unknown,	14	12	26
Total of *cases*,	49	44	93
Total of *persons*,	46	43	89

TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

	Males.	Females.	Total.
Never before in any Hospital,	28	31	59
Former inmates of this Hospital,	13	7	20
Former inmates of other Hospitals in this State: —			
South Boston,	1	. .	1
Danvers,	. .	1	1
Private Asylum,	. .	2	2
Former inmates of Hospitals in other States,	4	1	5
Former inmates of this Hospital and of other Hospitals in this State: —			
Danvers,	2	. .	2
Private Asylum,	. .	1	1
Former inmates of this Hospital and of Hospitals in other States,	1	1	2
Total of *cases*,	49	44	93
Total of *persons*,	46	43	89

TABLE No. 13.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

Admission.	Recovered.			Much Improved.			Improved.			Unimproved.			Died.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First, ...	11	12	23	5	6	11	3	3	6	4	6	10	8	1	9	31	28	59
Second, ...	4	2	6	5	1	6	1	1	2	. .	1	1	1	2	3	11	7	18
Third, ...	2	2	4	. .	. .	. .	. .	2	2	. .	. .	. .	2	. .	2	4	4	8
Fourth, ...	. .	. .	. .	. .	1	1	. .	. .	. .	. .	1	1	. .	. .	. .	. .	2	2
Fifth, ...	1	. .	1	. .	1	1	1	. .	1	2	. .	2	. .	. .	. .	4	1	5
Seventeenth, ...	. .	. .	. .	. .	. .	. .	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Eighteenth, ...	. .	. .	. .	. .	. .	. .	. .	1	1	. .	. .	. .	. .	. .	. .	. .	1	1
Twenty-first, ...	1	. .	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	. .	1
Twenty-second, ...	1	. .	1	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1	. .	1
Total of *cases*, . . .	20	16	36	10	9	19	5	8	13	6	8	14	11	3	14	52	44	96
Total of *persons*, . .	19	16	35	10	9	19	5	7	12	6	8	14	11	3	14	50	42	92

TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo.,	14	11	25	3	. .	3	1	. .	1
Fr. 1 to 3 mo.,	4	1	5	8	7	15	7	6	13
" 3 " 6 "	1	2	3	5	2	7	8	3	11
" 6 " 12 "	. .	2	2	4	3	7	3	3	6
" 1 " 2 yrs.	. .	. .	. .	. .	2	2	. .	2	2
" 2 " 5 "	1	. .	1	. .	2	2	1	2	3
Total *cases*,	20	16	36	20	16	36	20	16	36
Total *persons*,	19	16	35	19	16	35	19	16	35
Average of known cases (in months),	1.97	1.58	1.85	3.12	7.94	5.26	5.10	9.51	7.06

TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

Period.	Duration before Admission.			Hospital Residence.			Whole Duration from the Attack.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 mo., . .	2	1	3	3	. .	3	1	. .	1
From 1 to 3 mo.,	1	. .	1	1	. .	1	1	. .	1
" 3 " 6 "	. .	. .	. .	1	. .	1	. .	. .	. .
" 6 " 12 "	3	1	4	1	. .	1	1	. .	1
" 1 " 2 yrs.,	2	. .	2	1	1	2	1	1	2
" 2 " 5 "	1	1	2	2	1	3	4	1	5
" 5 " 10 "	2	. .	2	1	. .	1	2	. .	2
" 25 " 30 "	. .	. .	. .	. .	1	1	. .	. .	. .
" 30 " 35 "	. .	. .	. .	1	. .	1	. .	1	1
" 35 " 40 "	. .	. .	. .	. .	. .	. .	1	. .	1
Total, ...	11	3	14	11	3	14	11	3	14
Average of known cases (in months),	18.43	14.16	17.52	53.44	138.	71.56	71.88	152.16	89.08

TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

Form of Insanity.	Recoveries.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute, . . .	9	5	14	2	. .	2
Mania, chronic, . . .	. .	. .	. .	. .	2	2
Mania, hysterical, . .	. .	1	1	. .	. .	. .
Hebephrenia, ...	2	1	3	. .	. .	. .
Melancholia, acute, .	6	9	15	. .	. .	. .
Melancholia, chronic, .	. .	. .	. .	2	. .	2
Dementia, senile, . .	. .	. .	. .	2	1	3
Dementia, chronic, . .	. .	. .	. .	1	. .	1
General Paralysis, . .	. .	. .	. .	3	. .	3
Alcoholism, ...	3	. .	3	. .	. .	. .
Cerebral Syphilis, . .	. .	. .	. .	1	. .	1
Total of *cases*, . . .	20	16	36	11	3	14
Total of *persons*, . .	19	16	35	11	3	14

TABLE No. 17.

CAUSES OF DEATH.

Causes.	Males.	Females.	Total.
Cerebral Disease.			
General Paralysis, ...	2	. .	2
Exhaustion from Mania, ...	1	1	2
Exhaustion from Melancholia, ...	1	. .	1
Exhaustion from Senile Dementia, ...	2	. .	2
Syphilis, ...	1	. .	1
Other Causes.			
Pneumonia, ...	1	. .	1
Perityphlitis, ...	1	. .	1
Chronic Interstitial Nephritis, ...	1	. .	1
Phthisis Pulmonalis, ...	. .	1	1
Suicide, ...	1	1	2
Totals, ...	11	3	14

TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

Number of the Admission.	Recovered.			Much Improved.			Not Improved.			Total.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Second, ...	3	1	4	. .	. .	. .	1	1	2	4	2	6
Third, ...	2	2	4	. .	. .	. .	. .	. .	. .	2	2	4
Fifth, ...	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1
Twenty-first, . . .	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1
Twenty-second, . .	1	. .	1	. .	. .	. .	. .	. .	. .	1	. .	1
Total of *cases*, . .	8	3	11	. .	. .	. .	1	1	2	9	4	13
Total of *persons*, .	7	3	10	. .	. .	. .	1	1	2	8	4	12

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* This classification is based upon the result of the admission next preceding the last, in each case respectively.

TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

Period.	Duration of Insanity.			Whole known period of Hospital Residence.		
	Males.	Females.	Total.	Males.	Females.	Total.
Congenital, . . .	. .	. .	. .	. .	. .	. .
Under 1 month, . .	1	. .	1	2	. .	2
From 1 to 3 months,	1	. .	1	. .	. .	. .
“ 3 “ 6 “	. .	. .	. .	2	. .	2
“ 6 “ 12 “	2	. .	2	2	. .	2
“ 1 “ 2 years,	. .	. .	. .	1	. .	1
“ 2 “ 5 “	4	1	5	2	1	3
“ 5 “ 10 “	2	1	3	1	1	2
“ 30 “ 40 “	1	1	2	1	1	2
Total, ...	11	3	14	11	3	14
Average of known *cases* (in months),	72.62	164.33	92.28	54.44	151.16	75.17

TABLE No. 20.

AGES OF THOSE WHO DIED.

Ages.	At time of the first Attack.			At time of Death.		
	Males.	Females.	Total.	Males.	Females.	Total.
From 15 to 20 years,	1	1	2	. .	. .	. .
" 20 " 25 "	1	1	2	. .	. .	. .
" 25 " 30 "	. .	. .	. .	. .	1	1
" 30 " 35 "	3	. .	3	1	. .	1
" 35 " 40 "	3	. .	3	6	1	7
" 50 " 60 "	. .	1	1	. .	. .	. .
" 60 " 70 "	1	. .	1	2	. .	2
" 70 " 80 "	2	. .	2	1	. .	1
" 80 " 90 "	. .	. .	. .	1	1	2
Total, ...	11	3	14	11	3	14

TABLE No. 21.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

From its Opening, Oct. 6, 1818, to Dec. 31, 1886, Inclusive.

Years.	Admitted.	Discharged.	Whole No. under care.	Died.	Much improved, etc.	Recovered.	Remaining at end of year.	Average No. of Patients.
1818-25	398	344	623	29	205	110	279	..
1826	47	46	101	5	21	20	55	..
1827	58	56	113	5	17	34	57	..
1828	77	65	134	5	37	23	69	..
1829	73	77	142	9	42	26	65	..
1830	82	78	147	10	34	34	69	..
1831	83	84	152	8	46	30	68	..
1832	94	98	162	10	45	43	64	..
1833	103	100	167	8	50	42	67	..
1834	108	95	174	7	47	41	80	..
1835	83	84	163	11	28	45	77	..
1836	106	112	183	10	38	64	71	..
1837	120	105	191	8	25	72	86	80
1838	138	131	224	12	45	74	93	95
1839	132	117	225	10	38	69	108	112
1840	155	138	263	13	50	75	125	128
1841	157	141	283	11	55	75	142	135
1842	129	138	271	15	43	80	133	143
1843	126	126	260	18	45	63	134	131
1844	158	140	292	20	52	68	152	146
1845	119	120	271	13	33	74	151	149
1846	148	126	299	9	52	65	173	164
1847	170	170	343	33	50	87	173	172
1848	143	155	316	23	50	82	155	171
1849	160	137	321	15	58	64	184	177
1850	173	157	357	28	51	78	200	201
1851	164	173	364	29	69	75	191	195
1852	145	135	336	15	48	72	201	200
1853	114	120	315	17	45	58	195	194
1854	120	120	315	16	45	59	195	195
1855	123	126	318	24	46	56	192	192
1856	149	145	341	19	58	68	196	195
1857	141	159	337	28	60	71	178	191
1858	155	147	333	25	50	72	186	187
1859	131	142	317	28	53	61	175	185
1860	121	109	296	24	46	39	187	185
1861	111	110	298	23	33	54	188	193
1862	82	94	270	18	37	39	176	190
1863	94	69	270	13	20	36	201	191
1864	101	107	302	27	38	42	195	200
1865	82	85	277	17	33	35	192	186
1866	103	98	295	29	23	46	197	197
1867	89	108	286	27	36	45	178	186
1868	92	94	270	23	37	34	176	166
1869	108	100	284	18	31	51	184	187
1870	79	85	263	12	40	33	178	187
1871	75	81	253	13	47	21	172	178
1872	93	101	265	23	63	15	164	173
1873	92	95	256	13	63	19	161	165
1874	75	88	236	10	58	20	148	159
1875	85	83	233	16	51	16	150	156
1876	92	74	242	20	36	18	168	160
1877	110	103	278	20	68	15	175	175
1878	63	84	238	12	66	6	154	168
1879	76	79	230	12	48	19	151	157
1880	51	48	202	6	30	12	154	152
1881	66	65	220	14	37	14	155	150
1882	82	70	237	8	36	26	167	156
1883	109	111	276	17	57	37	165	164
1884	113	103	278	17	52	34	175	166
1885	95	100	270	17	46	37	170	171
1886	93	96	263	14	46	36	167	169
	7,014	6,847		1,009	2,909	2,929		

TABLE No. 22.

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY-TWO YEARS,—1864-1886.

	Applications.	Admissions.		American.		Foreign.		Not Admitted.	Discharged, cured, relieved, or improved.		Percentage of same on Admissions.		Died.			Whole number under care in the year.		Number of free patients.	Paying all the time.	Paying part of the time.	Greatest total number at any time.		Least total at any time.		Average.		Greatest number at any one time of Free or Paying at Hospital.		Average time in weeks Paying and Free at Hospital.		Out-patients.
Years.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Accidents.	Hospital.	Asylum.	Hospital.	Hospital.	Hospital.	Hospital.	Asylum.	Hospital.	Asylum.	Hospital.	Asylum.	Free.	Paying.	Paying.	Free.	Hospital.
1864	1932	1599	101	654	99	945	2	333	1306	80	8.168	79.1	130	27	242	1749	302	1388	350	11	157	208	110	192	138	200	139	33	3.2	4.4	5619
1865	1430	1199	82	571	80	628	2	231	997	68	8.315	82.9	104	17	140	1347	277	687	592	68	164	195	88	181	113	186	137	72	3.7	4.8	5356
1866	1328	1120	103	542	100	587	3	208	909	69	81.17	66.9	96	29	132	1224	295	556	623	45	109	203	78	192	95	197	62	58	3.4	5.1	5608
1867	1419	1206	89	558	88	648	1	213	958	81	79.43	91	94	27	113	1301	286	676	601	24	126	200	72	172	104	186	77	62	3.4	4.3	4553
1868	1474	1265	92	604	92	661	0	209	1015	71	80.03	77.1	85	23	98	1373	218	840	502	31	132	181	69	160	102	166	97	56	3.0	3.5	5264
1869	1633	1390	108	681	108	709	0	243	1123	82	80.03	75.9	107	18	93	1217	284	930	563	24	139	196	90	177	118	187	98	55	3.4	4.3	6953
1870	1706	1302	79	584	76	718	3	404	1083	73	83.20	92.4	85	12	140	1427	342	958	439	30	137	195	98	181	120	187	106	45	3.4	4.8	8767
1871	1781	1427	75	649	75	778	0	354	1143	52	80.09	69.3	109	13	178	1537	253	1056	456	25	154	187	91	167	122	178	126	43	3.1	3.9	9792
1872	1815	1547	93	665	88	882	5	268	1271	52	82.15	55.9	120	23	259	1701	265	1289	396	16	160	179	97	163	135	173	133	42	3 1	4.3	11878
1873	1958	1550	92	640	85	910	7	408	1201	64	77.48	69.5	186	13	291	1700	256	1195	441	64	187	171	129	158	156	165	156	44	3 3	6.0	13517
1874	2153	1639	75	713	68	926	7	514	1342	54	81.88	72	127	10	234	1800	236	1251	394	120	183	167	111	144	149	159	146	41	2.7	5.6	15612
1875	2357	1841	85	799	72	1022	13	516	1412	57	76.70	67	189	16	285	1989	233	1565	336	88	199	165	132	145	166	156	176	31	2.8	5.2	16993
1876	2560	1906	92	900	82	1006	10	654	1621	45	85.04	48.9	150	20	245	2096	242	1696	308	92	210	173	163	148	185	160	182	36	3.2	5.7	17292
1877	2131	1657	110	863	103	794	7	474	1339	57	80 80	51.8	130	20	147	1847	278	1270	339	48	194	184	135	168	164	175	178	33	2.8	5.5	18004
1878	2275	1794	63	946	58	848	5	481	1461	45	81.43	71.4	134	12	200	1950	238	1578	334	38	187	182	132	154	165	168	170	34	2.8	5.2	18744
1879	2310	1813	76	979	63	834	13	497	1462	46	80.63	60.5	143	12	222	1971	230	1577	352	42	188	164	131	150	163	157	165	30	2.8	5.1	18960
1880	2701	2123	51	1117	46	1006	5	578	1731	32	81.53	62.7	151	6	351	2284	202	1864	371	45	188	159	156	146	170	152	165	35	2.5	4.5	20566
1881	2786	2106	66	1074	57	1032	9	680	1853	37	82.19	56	189	14	391	2270	220	1835	419	26	195	161	139	147	166	150	168	39	2.79	4.41	18443
1882	2587	2147	82	1127	73	1020	9	440	1775	47	87.83	57.3	177	8	348	2302	237	1876	399	12	195	166	143	149	168	156	167	35	2.84	4.41	16304
1883	2460	2020	109	1035	93	985	16	440	1664	63	82.33	5..8	181	17	432	2185	276	1633	473	79	189	171	143	151	168	164	168		2.75	4.80	*7102
1884	2494	2096	113	1043	95	1053	18	398	1685	57	80.39	50.4	191	17	397	2310	278	1815	448	47	186	175	129	154	165	166	159	40	3	4.14	14824
1885	2636	2327	95	1178	84	1149	11	299	1945	62	85.38	65.3	192	17	443	2472	270	2044	382	46	184	185	147	159	167	171	166	26	2 38	4.08	17016
886	2686	2580	93	1313	85	1267	8	106	2100	68	81.39	73.1	192	14	471	2756	263	2283	409	64	206	191	133	167	173	169	178	30	2.78	3.72	

*Out-patient Department open only five months.

TABLE No. 23.

TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

Articles.	1883.			1884.			1885.			1886.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
Beef, ... lbs.,	67,534	$8,604.15	.1274	69,313	$9,573.72	.1381	71,169	$9,350.98	.1313	72,269	$9,377.03	.1298
Mutton and Lamb, "	23,280	2,406.70	.1033	22,221	2,154.00	.0969	26,865	2,288.99	.0852	27,142	2,614.26	.0962
Veal, ... "	10,401	1,173.42	.1128	11,916	1,319.68	.1107	11,747	1.218.43	.1037	14,977	1,590.73	.1062
Poultry, ... "	11,324	2,422.44	.213	12,806	2,753.43	.215	14,300	2,716.52	.189	15,453	2,674.98	.172
Ham, etc., ... "	7,970	1,043.39	.13	11,220	1,480.33	.131	13.105	1,358.58	.103	13,292	1,460.57	.109
Eggs, ... doz.,	10,758	3,009.04	.279	10,579	2,590.78	.244	11,046	2,402.08	.216	11,193	2,339.44	.209
Lard, ... lbs.,	1,680	186.75	.111	2.045	201.10	.098	1,724	144.26	.083	1,471	114.26	.077
Flour, ... bbls.,	507	3,690.67	7.279	541	3,531.57	6.527	528	2,901.42	5.49	512	2,728.73	5.32
Butter, ... lbs.,	21,612	5,939.32	.274	20,991	5,497.28	.261	22,738	5,014.07	.220	20,931	4,65[illegible].73	.222
Coffee, ... "	3,530	862.57	.244	2,904	720.65	.248	3,162	714.18	.234	3,336	691.16	.207
Tea, ... "	1,406	460.54	.327	1,215	403.02	.331	1,286	433.42	.337	1,188	389.00	.327
Sugar, ... "	27,672	2,421.10	.874	28,351	1,951.19	.068	29,404	1,891.91	.064	28,996	1,824.45	.063
Lights, Gas, etc., feet,	. . . .	3,379.25	. . . .	. . . .	3,461.92	. . . .	. . . .	2,978.91	. . . .	. . . .	2,693.02	. . . .
Coal, ... tons,	$1,022\frac{1050}{2000}$	6,303.39	6.164	$1,434\frac{1393}{2000}$	7,786.65	5.427	$1,190\frac{530}{2000}$	6,297.49	5.29	$1,328\frac{125}{2000}$	7,087.31	5.34
Wood, ... cords,	$8\frac{1}{2}$	55.25	6.50	. . . .	. . . .	. . . .	$10\frac{1}{2}$	70.88	6.75	20	140.00	7.00
Ice, ... tons,	$481\frac{100}{2000}$	841.79	1.75	$486\frac{1800}{2000}$	930.62	1.911	$426\frac{500}{2000}$	955.49	2.241	$473\frac{600}{2000}$	1,088.56	2.30

MASSACHUSETTS GENERAL HOSPITAL.

McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

The Trustees of the Massachusetts General Hospital having established, at the McLean Asylum for the Insane, a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health. Upon the recommendation of the Superintendent of the Hospital and the approval of the Trustees, they will be received for two months on probation.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can in

like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc.; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine; and the managing of convalescents.

The instruction is given mainly by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given, at stated periods, by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Asylum. Women will be paid twelve dollars ($12) per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five dollars ($25) per month during the second year. Their education during this time is considered as compensation for their services. Women graduates will be paid twenty-five dollars ($25) per month; men graduates, twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The women are required to wear at all times, while on duty in the wards, the asylum uniform dress. The men are to do this also, whenever it may be required.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Asylum Training School.

N.B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.

QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Christian name in full of Candidate. . . . .
2. Are you single, widow, or widower? . . . .
3. Your present occupation or employment? . . . .
4. Age last birthday, and date and place of birth? . . . . / . . . .
5. Height? . . . . Weight? . . . . . .
6. In what school or schools educated? and in what place? . . . . / . . . .
7. Are you strong and healthy? and have you always been so? . . . . / . . . .
8. Are your sight and hearing perfect? . . . .
9. Have you any physical defects? . . . .
10. Have you any tendency to pulmonary complaint? . . . .
11. If a widow or widower, have you children? How many? Their ages? How are they provided for? . . . . / . . . . / . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . . / . . . .
14. Have you ever been in any Training School or employed in any hospital or asylum? If so, where and how long in each place? . . . . / . . . . / . . . . / . . . .
15. The names in full and addresses of two persons not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

Name, ...
Address, ...
has known me years.

Name, ...
Address, ...
has known me years.

Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.

Signed, ...
Candidate.

Present Address, ...

Date, ... 188 . . . .

PATHOLOGICAL REPORT.

EXAMINATIONS BY W. W. GANNETT, M.D., PATHOLOGIST.

CASE I.— General Paralysis. Four years duration. Melancholic symptoms; hallucinations of hearing. Death after convulsions of fifteen minutes duration. Female, aged forty-three.

Diagnosis: Hyperostosis of skull; chronic diffuse thickening of the dura of the brain and cord; chronic leptomeningitis of the brain and cord; œdema of pia; atrophy of the brain; dilatation of the ventricles; chronic ependymitis; yellow softening of the corpus striatum of the right side, of portions of the right nucleus lentiformis, optic thalamus, right second parietal convolution; chronic parenchymatous myocarditis.

Autopsy thirty-six hours after death. Body of medium size, fairly developed, much emaciated. Rigor mortis present. Ratio of head to body, and cranium to face apparently normal; nothing unusual observed about the pericranium or external surface of the calvaria; antero-posterior diameter, 17 cm.; transverse, 13 cm. Calvaria in the thickest portion in median line, 12 mm.; in its thinnest portion, temporal region, 9 mm.; diploë replaced by compact bone substance; inner surface of bone not remarkable; grooves of middle meningeal artery everywhere of usual depth; calvaria readily separated from dura. Dura somewhat thickened, and opaque throughout; sinuses contained partly coagulated blood; inner surface smooth and shining. Meshes of the pia contained considerable clear fluid; upper layer elevated 2 mm. from brain; moderate degree of milky opacity of pia throughout, most marked along the course of the vessels. Brain did not fill the cavity of the skull; weight, 961 grms. Vessels of the base and in the fissure of Sylvius very small, and showed here and there circumscribed thickening and opaque patches in the intima, somewhat diminishing the lumen. Each lateral ventricle dilated to about twice the usual size, and each contained about 30 cc. of clear fluid; ependyma slightly granular and warty; ependyma of the fourth ventricle showed similar appearances. A part of the floor of the right lateral ventricle, formed by the corpus striatum of that side, was flattened, sunken, and of a yellow color.

Brain substance, in general, quite firm and somewhat tough; cortex diminished from one-third to one-half in thickness, and the yellow line of the third layer for the most part distinct; white matter pale, with few or no puncta cruenta, and of the usual degree of moisture. The basal ganglia of the left side showed, on section, nothing remarkable beyond pallor. On the right side, the whole of the corpus striatum and the whole of the anterior half of the nucleus lenticularis and the middle of the posterior half were converted into a soft yellow, semi-fluid substance. The anterior quarter of the thalamus on this side in the central part was of a yellowish color and of slightly diminished density. The second parietal convolution of the right side of the brain was yellow and softened, the softened area occupying a space of about 2.5 mm. in diameter. Section of the pons, medulla, and cerebellum showed nothing worthy of note. Dura of the cord was thickened and opaque, and the pia showed a milky opacity throughout. The cord itself showed nothing remarkable. Other organs were sufficiently normal.

Microscopic examination after hardening. Pia showed rather more round cells than usual, but there was no increase in the dense connective-tissue fibres. Here and there in the meshes of pia were granules of hæmatoidin. The arteries showed nothing abnormal. The vessels were moderately injected. Cortex: the distinction between the outer and inner portions of the first layer of the cortex was very marked; the outer layer being finely granular; staining deeply, with a few nuclei, but nowhere showing a finely fibrous meshwork, or spider-cells. The inner portion showed about the usual number of nuclei. Second layer of cortex not remarkable. Third layer: ganglion cells well marked. Fourth and fifth layers not remarkable. Vessels of cortex: here and there a very slight degree of round-cell infiltration of the adventitial lymph-sheath was observed. In several places, granular hæmatoidin was present in the perivascular lymph-spaces. White matter showed nothing unusual. Cord: examined in all regions, showed nothing abnormal.

Case II.—Hystero-epilepsy. Duration, about four years. Syncope, death. Female, aged thirty-eight.

Diagnosis: Circumscribed thickening of dura; moderate œdema of pia; slight atrophy of brain; mitral endocarditis; injection of kidneys, liver, and, to a slight degree, the lower lobe of lungs; dermoid cyst of ovary; laceration of cervix and erosion of os; superficial fatty degeneration of intima of aorta.

Autopsy fifty-four hours after death. Body small, fairly developed and nourished. Lividity of dependent portions marked. Ratio of head to body, and cranium to face normal. Nothing unusual observed about the pericranium or external surface of the dura; antero-posterior diameter, 17.9 cm.; transverse, 14 cm. Calvaria normal thickness; normal relation of tables to diploë; under surface showed a few depressions along the median line. Dura somewhat more adherent and thickened along the median line; inner surface everywhere smooth and shining; superior longitudinal and lateral sinuses contained a small amount of fluid blood. Meshes of pia over convexities contained a small amount of clear fluid. Convolutions on either side posterior to fissure of Rolando diminished in size; sulci widened. Brain nearly filled the cavity of the skull; weight, 1,290 grms. Vessels of the base and fissure of Sylvius showed everywhere thin and delicate walls; lumina free, containing a small amount of fluid. On section, the cortex of the brain was, for the most part, of usual thickness, somewhat paler than usual; the layer of large pyramidal ganglionic cells distinct, for the most part; surface of white matter slightly moist; puncta cruenta well marked. Section of basal ganglia, pons, medulla, and cerebellum showed in gross no appearances worthy of note. Pia was everywhere readily separable from the brain substance. Membranes of the cord and the cord itself showed nothing remarkable.

The left ovary was replaced by a globular mass, the size of the fist, of smooth external surface, of a peculiar doughy consistency, pitting on pressure. On section, tumor found to consist of a single sac; wall about 2 mm. in thickness, containing a mass of hair and fat intimately mingled together. The other organs were as stated in the diagnosis.

Microscopic examination after hardening. The cortex showed absolutely nothing abnormal. In the perivascular spaces of several of the arteries in the white matter, below the cortex, were collections of hæmatoidin in granular form (indicating earlier extravasation of blood). Numerous sections from various parts of the cord failed to show any abnormality.

Case III.—Hystero-epilepsy. Duration, with increasing severity, from puberty. Ovariotomy; death in fourteen hours. Female, aged thirty.

Autopsy thirty-seven hours after death. Body medium size, well developed and nourished; abundant adipose tissue. Rigor mortis present. An incision in median line above pubes, about 10 cm. in length, united by sutures. Nothing unusual observed about cranium or external surface of calvaria; antero-posterior diameter, 18 cm.; transverse, 12.8 cm.; calvaria 13 mm. in thickness at frontal prominence, 3 mm. in temporal region; ratio of diploë to tables normal; calvaria readily separable from dura. Dura everywhere thin and translucent; vessels contained an excess of dark, fluid blood; sinuses distended with dark, fluid blood; inner surface everywhere smooth and shining. Pia everywhere thin and delicate; vessels contained considerable blood; its meshes, a small amount of clear fluid. Convolutions large, well marked; sulci small. Brain filled the cavity of the skull; weight, 1,488 grms. Vessels of base and fissure of Sylvius everywhere thin and delicate. Each lateral ventricle contained about 10 cc. of clear fluid; ependyma everywhere smooth and shining; velum interpositum and choroid plexus of dark purplish color; third and fourth ventricle not remarkable beyond a similar injection of veins in the floor of the fourth ventricle. Brain substance, in general, rather soft; gray cortex of usual width, somewhat darker in color; white substance showed puncta cruenta throughout increased in size. Section of basal ganglia, pons, medulla, and cerebellum showed a dark purplish appearance. Pia everywhere separable from brain substance. Membranes of cord and the cord itself showed nothing worthy of note.

Ovaries and Fallopian tubes on both sides were absent. Their place was occupied by a ligatured, cauterized stump. The blood vessels of the remaining organs were generally injected, otherwise not remarkable.

Microscopic examination of brain, fresh. Cortex [in various regions]: pigmentation of the ganglion cells to a moderate degree; here and there, dilatation of the adventitial lymph-sheath, with collections of fat-drops; the vessels throughout the cortex markedly injected. Basal ganglia showed pigmentation of the ganglion cells, with well-marked injection of the vessels. Cerebellum showed injection of the vessels, but otherwise nothing unusual was observed. Pons, medulla, and cord were not examined fresh, but were put whole into Müller's fluid, with portions of brain and cerebellum, for further examination.

After hardening. Nothing abnormal was detected in the cortex or in the white matter of the brain. Examination of various regions of the cord also failed to show any abnormality.

The ovaries — removed by operation — measured 38 x 25 x 19 mm., 38 x 26 x 15 mm., after hardening in Müller's fluid and alcohol. Sections were made through the long diameter of number one: there were four cysts of Graafian vesicles, the size of peas; also a corpus hæmorrhagicum the size of a pea, which, judging from the results of the microscopic examination, must have been from six to ten weeks old; there were also numerous corpora fibrosa. The connective-tissue stroma was infiltrated with round cells, more abundantly in some parts, less so in other parts, but nowhere in excess of what is ordinarily seen in the ovary during its period of activity; *i.e.*, from the age of fifteen to forty-five. The examiner is unable to find in the ovary a sufficient material basis for explaining the symptoms for the relief of which the operation was undertaken.

Case IV.—Cerebral Hæmorrhage [successive attacks]. Duration, fifteen months. Right hemiplegia, amnesic aphasia, delusions. Female, aged forty-two.

Diagnosis: Subcutaneous hæmorrhages; slight degree of leptomeningitis; chronic endarteritis of basal vessels; cysts of choroid plexuses; areas of cerebral softening, recent and old; hypertrophy of the left ventricle of the heart; emphysema of the lungs, recent hæmorrhages into the same; chronic fibrous perispleenitis; chronic interstitial nephritis; fibro-myomata of uterus; chronic adhesive peritonitis; pigmentation of mucous membrane of the colon; pigmentation of the liver; chronic endaortitis.

Autopsy twenty-two hours after death. Body small, poorly nourished and much emaciated. Rigor mortis present. Over the right shoulder and right groin below Poupart's ligament were patches about 6 cm. in diameter, part of a purplish, part of a greenish, color. On the inner side of the thigh were numerous circumscribed purplish patches, on an average of 2 cm. in diameter. On the removal of the scalp, an ecchymosis about 3 cm. in diameter was found in the pericranium over the occipital bone in the median line; antero-posterior diameter of skull, 18.3 cm.; transverse, 14 cm.; ratio of diploë to tables as usual. The inner surface showed depressions in the median line corresponding to the abundant development of Pacchionian granulations. Dura was readily separated from the bone; everywhere translucent; the sinuses were filled with partly coagulated blood; the inner surface everywhere smooth and shining. The brain nearly filled the cavity of the skull; weight, 1,441.5 grms. The pia showed a milky opacity, to a slight degree, over the convexities; the meshes contained a small amount of clear fluid. The right vertebral artery, about half the size of the left, showed in its intima circumscribed patches, considerably diminishing the lumen. The other vessels of the base and in the fissure of Sylvius showed similar patches, obstructing, but nowhere obliterating, the lumina. The lateral ventricles contained each about 10 cc. of clear fluid; the ependyma was everywhere smooth and shining; the floor of the ventricle over the posterior part of the left thalamus was depressed, of a yellowish tint, and fluctuated; the choroid plexuses contained numerous cysts filled with clear fluid; the fourth ventricle showed nothing remarkable.

The brain substance, in general, quite firm; on section, the cortex was of the usual thickness, quite pale; the white matter pale also; puncta cruenta few and small; in many portions, the white matter lying in the convolutions showed a cribriform appearance; in the left superior parietal convolution, over an area of nearly 1 cm., the brain substance was dark red in color, and softened. Section of basal ganglia showed the following appearances: in the outer segment of the left nucleus lentiformis posteriorly was a soft, dark red mass, about the size of a filbert-meat imbedded in its substance, forming a cavity; in the posterior portion of the left thalamus was a flattened cavity measuring laterally 30 mm., antero-posteriorly 8 mm., vertically 5 mm.; its walls were tolerably smooth, of a firm consistency, colored a deep snuff yellow; the cavity contained a thin liquid; on the right, in about the middle of the basal ganglia [antero-posterior], was a dark red mass about 4 x 6 mm., occupying the inner capsule and a small portion of the upper part of the outer segment of the nucleus lentiformis. Section of the pons, medulla, and cerebellum showed nothing worthy of special note. The pia was everywhere readily separable from the brain substance. Neither the membranes of the cord nor the cord itself showed anything remarkable.

The lower lobes of the lungs were darker in color and denser than normal; on section, several dark red nodules of the size of English walnuts, of a rather firmer consistency than the surrounding substance, were to be seen in the lower lobe of the right lung. The spleen was adherent to the surrounding organs by old and firm adhesions. There was chronic interstitial nephritis of both kidneys. The bladder and uterus were firmly united in front by old and firm adhesions.

Microscopic examination after hardening. The outer portion of the first layer of the cortex showed a well-marked, finely fibrous meshwork, with spider-cells; the other layers of the cortex were not remarkable, beyond the fact that the perivascular lymph-spaces were large; in the adventitial lymph-sheaths of many of the vessels of cortex and white matter were collections of granular hæmatoidin.[1] [Meningo-encephalitis.] An examination of sections from various parts of the cord failed to show anything abnormal.

Case V.— General Paralysis. Duration, about one and a half years. Death from broncho-pneumonia. Male, aged thirty-eight.

Diagnosis: Slight degree of thickening and œdema of pia; adhesions of pia to brain in situations indicated below; chronic circumscribed pericarditis; pigmentation of muscular substance of heart; chronic adhesive pleurisy; chronic vesicular emphysema; acute broncho-pneumonia; acute purulent bronchitis; dilatation of pelvis of kidney.

Autopsy nineteen hours after death. Body of medium size, well developed, considerably emaciated. Rigor mortis present. Ratio of head to body and cranium to face apparently normal; nothing remarkable observed about the pericranium or external surface of calvaria; antero-posterior diameter, 17.4 cm.; transverse, 14.3 cm.; sutures open; calvaria measured, on an average, 4 mm. in thickness; usual ratio of diploë to tables; calvaria readily separated from dura. Dura everywhere translucent, its inner surface smooth and shining; sinuses contained a moderate amount of fluid blood. Vessels of pia moderately distended; membrane itself thickened and opaque in patches here and there along the course of vessels; this, however, was not extensive; meshes of pia contained a moderate amount of clear fluid, most marked in the posterior dependent portions. Convolutions somewhat diminished in size; sulci wider than usual. These changes also were slight. Brain almost filled the cavity of the skull; weight, 1,426 grms. The vessels at base and in fissure of Sylvius everywhere thin-walled and lumina free. Pia thin and delicate. Lateral ventricles contained each about 5 cc. of clear fluid; ependyma of lateral ventricles smooth and shining; ependyma of fourth ventricle roughened, granular and warty to a moderate extent. Striæ acusticæ very distinct. Brain substance, in general, quite firm. Cortex in the neighborhood of fissure of Rolando on the right side about one-fourth thinner than usual, also somewhat paler; gray cortex in remaining portions of usual thickness and of good color; white matter, in general, slightly moist and of good consistency; puncta cruenta somewhat smaller and less numerous than usual. Corpora striata on either side, on section, showed small red streaks corresponding to the vessels; color in general being of a rather darker shade than commonly found. The remaining basal ganglia, pons, medulla, and cerebellum showed, on section, nothing worthy of note. Pia readily separable from brain substance, except over the convolutions just anterior and posterior to fissure of Rolando. Membranes of cord were not remarkable. Cord itself slightly diminished in diameter throughout, and quite tough on section. Nothing abnormal was discovered by gross examination.

Other organs sufficiently normal, except as mentioned in the diagnosis.

Microscopic examination after hardening. Pia showed a slight increase both in the number of round cells and of the dense connective-tissue fibres. Cortex: the outer portion of the first layer showed a distinct, finely fibrous meshwork, with a few spider-cells. The other layers showed nothing remarkable, so far as nerve elements and neuroglia are concerned. The vessels of the cortex everywhere showed marked round-cell infiltration of the adventitial sheaths, with granular hæmatoidin in the adventitial lymph-spaces; vessels of white matter showed a lesser degree of round-cell infiltration, but considerable pigment in the sheaths. In the posterior columns throughout the cord, the connective-tissue stroma (neuroglia) was considerably increased in amount, with a proportionate diminution in the number of nerve fibres. These changes were more marked in the columns of Burdach (funiculus cuneatus) than in the columns of Goll (funiculus gracilis), and were further advanced in the peripheral portions (*i.e.*, near pia) than in central portions. The dorsal region showed the most advanced changes, the cervical next, the lumbar least. The cord in the affected part showed a thick connective-tissue stroma, taking the stain (carmine and hæmatoxylon) deeply, with a marked diminution in the number of nerve fibres. [Posterior sclerosis.]

Case VI.—General Paralysis. Two and a half years' duration. History of syphilis. Death from acute purulent peritonitis. Male, aged thirty-seven.

Diagnosis: Pachymeningitis interna chronica hæmorrhagica, with rupture into space between dura and pia; chronic leptomeningitis; meningo-encephalitis; acute purulent peritonitis; necrosis (slough) of vermiform appendix.

Autopsy thirty-one hours after death. Body medium size, well developed, well nourished. Marked lividity of dependent portions. Rigor mortis present. Calvaria measured antero-posteriorly 18 cm.; in transverse diameter, 14.7 cm.; of usual thickness. Dura of convexities translucent, inner surface smooth and shining; inner surface of dura of base, especially in temporal fossæ, covered by a dark red, hæmorrhagic, rather firmly attached false membrane; here and there were portions which showed more of an iron-rust color. Pia of convexities showed milky opacity, most marked along the course of the fissures and vessels. The convolutions of good shape. Meshes of pia contained no fluid. The brain weighed 1,500 grms., and filled the cavity of the skull. Pia of base showed slight degree of opacity. Vessels of base and of fissure of Sylvius everywhere thin-walled and delicate. Ventricles of usual size; lateral ventricles of distinctly granular, warty appearance. Brain substance, in general, of good color and consistency. Cortex of usual thickness; puncta cruenta of white matter well marked. Section of basal ganglia, pons, and medulla showed no appearances worthy of special note. Pia more intimately adherent to brain substance throughout the brain,—most marked about the fissure of Rolando and posterior portions of brain. Cord showed in gross nothing abnormal. Heart and lungs showed no appearances worthy of special note.

Peritoneal cavity contained, by estimate, about a litre of thin, foul-smelling pus. The coils of intestine adherent to one another by recent fibrinous false membranes; the ileum was nearly collapsed; the jejunum distended with gas; the evidences of inflammatory process were most extensive in ileocæcal region. The vermiform appendix was converted into a gray, very soft, friable, necrosed mass, the thickness of the wall much reduced, and on one portion was an opening through which appeared an inspissated fæcal mass.

Microscopic examination after hardening. From convolutions along the fissure of Rolando. Pia thickened from increase in the amount of fibrous tissue and increase in the number of round cells; hæmatoidin in the meshes of the pia. Cortex: slightly marked, finely fibrous meshwork, with an occasional spider-cell in the outer portion of the first layer; the other layers of the cortex showed nothing abnormal; there was round-cell infiltration of the adventitial sheath of the blood vessels of the cortex. Left temporal lobe: the first layer of the cortex normal; the vessels of the cortex showed round-cell infiltration of the adventitia. Second frontal convolution: pia thickened from presence of increased number of round cells and increase in connective-tissue fibres. Cortex: outer portion of first layer showed a well-marked, finely fibrous meshwork; other layers not remarkable; round-cell infiltration of adventitia of cortical vessels. Right supra-marginal convolution: the cortex of this convolution showed the same appearances as that last described. [Chronic meningo-encephalitis.] The cord showed no abnormal appearances.

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